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**From:** [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)  
**Sent:** Monday, June 23, 2014 11:38 AM  
**To:** Watt, Jamey; [NClite@otie.com](mailto:NClite@otie.com)  
**Subject:** New Hewitt Pit technical summary by Golder Associates "RESPONSE TO 13267 ORDER FOR HEWITT PIT LANDFILL"

Jamey and Nova;

You should be able to obtain a copy of this interesting technical report from this link, then click the "Site Maps/Documents" tab:

[http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T10000004448](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000004448)

Regards,

John Lindquist  
Senior Project Hydrogeologist  
Environment & Nuclear Market

CH2M HILL  
2604 Vista Loop  
Oxnard, California, 93036, USA  
Direct +1.805.413.5813  
Fax +1.805.371.7818  
Mobile +1.530.953.5805  
[www.ch2mhill.com](http://www.ch2mhill.com)<<http://www.ch2mhill.com/>>  
[John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)

---

**From:** [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)  
**Sent:** Thursday, May 22, 2014 11:29 AM  
**To:** Watt, Jamey  
**Cc:** [NClite@otie.com](mailto:NClite@otie.com)  
**Subject:** FW: FW: Comments on 2Q2007 Hewitt Landfill Monitoring Report

Initial thoughts for how to investigate Hewitt Pit, from 2007...

Regards,

John

-----Original Message-----

From: Lindquist, John/RDD  
Sent: Wednesday, September 26, 2007 10:10 AM  
To: 'Loftin.Rachel@epamail.epa.gov'  
Subject: RE: Comments on 2Q2007 Hewitt Landfill Monitoring Report

Rachel;

While there are some new monitoring wells proposed up in that general direction, they aren't really located to define a source area. In fact, I'm not sure gw monitoring wells, by themselves, could accomplish that. Perhaps if there were many, like around the Honeywell property, but that's a pretty big effort, more so than is planned around the other hot spots in NHOU.

I would think that one to three nested multi-level vapor monitoring wells would be a good way to start evaluating Hewitt Landfill as a source. If vapor concentrations of TCE were high at the landfill (especially in comparison to off-site locations), then further source investigation at the landfill (such as drilling a monitoring well right in the heart of it) could be proposed.

An alternative starting effort would be a focused review of vapor monitoring and collection system information for Hewitt Landfill, to give us an idea if it's being the source is even feasible. The old SWAT reports say no, but are a little wishy-washy. At the same time, no one has offered a reasonable explanation as to why their downgradient monitoring well has these large (and increasing) concentrations of TCE in 2007.

Regards,

John

-----Original Message-----

From: [Loftin.Rachel@epamail.epa.gov](mailto:Loftin.Rachel@epamail.epa.gov) [<mailto:Loftin.Rachel@epamail.epa.gov>]  
Sent: Tuesday, September 25, 2007 6:46 PM  
To: Lindquist, John/RDD  
Subject: Re: Comments on 2Q2007 Hewitt Landfill Monitoring Report

Do we plan to install any new gw monitoring wells in this area in the draft FFS? If not, we could add or move a gw mw to meet this data gaps... Thoughts?

~~~~~

Rachel Loftin  
Remedial Project Manager  
U.S. EPA, Pacific Southwest Region  
Superfund Division, SFD-7-4  
75 Hawthorne Street  
San Francisco, CA 94105  
E-mail: [Loftin.Rachel@epa.gov](mailto:Loftin.Rachel@epa.gov)  
Phone: 415/972-3253  
Fax: 415/947-3528

"You may never know what results come from your action.  
But if you do nothing, there will be no results." - Gandhi

CH2M.com>  
To  
09/25/2007 11:33 Rachel Loftin/R9/USEPA/US@EPA  
AM cc  
<[Andy.Austin@CH2M.com](mailto:Andy.Austin@CH2M.com)>  
Subject  
Comments on 2Q2007 Hewitt  
Landfill Monitoring Report

Rachel;

Attached please find my review comments on CDM's 2Q07 monitoring report for Hewitt Landfill (dated July 2007). I provided several comments, but two major issues in the report may require additional deliberation.

First, the report suggests that now that 4 quarters of groundwater monitoring have been completed, and contaminant concentrations are supposedly more or less stable, further monitoring would be of limited value and should stop. However, TCE concentrations at well 4909F (their downgradient well) were 84 ppb during the last sampling event, and seem to be increasing. Although chromium and emerging contaminant concentrations do not appear to be a major issue, TCE is, and complete elimination of monitoring would not allow us to keep tabs on this significant groundwater problem.

Second, a big-picture conceptual question remains open and won't be resolved by monitoring: what is the source of the TCE at wells 4909F and 4909C? The SWAT report and addendum claim that it isn't Hewitt Landfill, but their conclusions are based on limited data and are not strongly stated. It would be great to get information about their gas extraction system operations over the past decade or so. If they turned the system off during that time, then maybe that explains the increasing concentrations during the past 10 years.

Regards,

John Lindquist  
CH2M HILL

---

From: Lindquist, John/RDD  
Sent: Tuesday, January 09, 2007 4:10 PM  
To: '[Loftin.Rachel@epamail.epa.gov](mailto:Loftin.Rachel@epamail.epa.gov)'  
Subject: Comments on 4Q2006 Hewitt Landfill Monitoring Report

Rachel;

I quickly drafted some comments on the most recent Hewitt Landfill monitoring report, attached. The big questions are:

1) Do you agree with my proposed monitoring schedule (in the comments)?

CDM wants to drop emerging contaminant and general mineral analysis altogether, whereas EPA might want those analyses run annually to biennially (as I propose). However, I suggest that they move to a less frequent schedule (annually) than they propose for chromium and nitrate (quarterly).

2) With only 2 monitoring wells, we don't really know anything about hydraulic gradient, meaning it's hard to tell whether the 65 ug/L of TCE they have is upgradient or downgradient of their site. How hard should we push to get a third working monitoring well at or near the site, whether that means fixing the LADWP well or installing a new one? I didn't bring that up in comments at all so far.

<< File: EPACommentsOnHewittPit-4Q06Sampling-JCLdraft\_01-09-07.doc >> Regards,

John Lindquist  
CH2M HILL  
2525 Airpark Drive  
Redding, CA 96001  
Direct: 530.229.3317  
FAX: 530.339.3317  
[John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)  
[www.CH2M.com](http://www.CH2M.com)

(See attached file: EPACommentsOnHewittPit-2Q07Sampling-JCL\_aa draft\_25Sep07.doc)

[attachment "EPACommentsOnHewittPit-2Q07Sampling-JCL\_aa draft\_25Sep07.doc.doc" deleted by Kelly Manheimer/R9/USEPA/US]

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**From:** Liu, Paul <[Paul.Liu@WATER.LADWP.com](mailto:Paul.Liu@WATER.LADWP.com)>  
**Sent:** Friday, May 02, 2014 10:11 AM  
**To:** Watt, Jamey  
**Cc:** Dabbaghian, Vahe; Leung, Jonathan; Nova Clite; Lindquist, John; Shaffer, Caleb; Steven L. Hoch ([SHoch@mpplaw.com](mailto:SHoch@mpplaw.com)); Lyman, Michelle; Durbas, Khadija; Gastelum, Albert  
**Subject:** RE: NHO: GSIS data and monitoring well map request

Jamey,

After discussing with our consultant task lead from Brown and Caldwell, here is the tentative schedule for Task 4.2:

- All sampling completed by the first week of July 2014.
- Level III data packages received in mid-August 2014.
- Data validation, assuming 25 separate packages, would be completed in late-November 2014
- **Final report available between mid-December 2014 to mid-February 2015.**

This is an estimated time frame. We will update the schedule as necessary as Task 4.2 progresses. Thanks.

Paul Liu

Los Angeles Department of Water and Power  
Waterworks Engineer  
Groundwater Remediation Group  
(213)-367-3419 (office)  
(213)-792-5737 (cell)

---

**From:** Watt, Jamey [<mailto:Watt.Jamey@epa.gov>]  
**Sent:** Thursday, May 01, 2014 10:03 AM  
**To:** Liu, Paul  
**Cc:** Dabbaghian, Vahe; Leung, Jonathan; Nova Clite; Lindquist, John; Shaffer, Caleb  
**Subject:** NHO: GSIS data and monitoring well map request

Thank you Paul. The map looks good.

I'll wait on sending this out to the larger group until we have a rough sampling schedule to go along with it. It probably makes sense to send both pieces out in one email to the group. Will a schedule be coming shortly? If you have any questions or concerns please let me know.

Thanks again.

---

**From:** Liu, Paul <[Paul.Liu@WATER.LADWP.com](mailto:Paul.Liu@WATER.LADWP.com)>  
**Sent:** Tuesday, April 29, 2014 11:38 AM  
**To:** Watt, Jamey  
**Cc:** Leung, Jonathan; Gastelum, Albert; Dabbaghian, Vahe; Lyman, Michelle; Steven L. Hoch ([SHoch@mpplaw.com](mailto:SHoch@mpplaw.com)); VanWagoner, William  
**Subject:** RE: NHO: GSIS data and monitoring well map request

Jamey,

Hope you are doing well. I've attached the map of the wells that were sampled as part of Task 4.1 and will be as part of Task 4.2 which started last week. We will get back to you on the other comments below. Thanks.

Paul Liu

Los Angeles Department of Water and Power  
Waterworks Engineer  
Groundwater Remediation Group  
(213)-367-3419 (office)  
(213)-792-5737 (cell)

---

**From:** Watt, Jamey [<mailto:Watt.Jamey@epa.gov>]

**Sent:** Tuesday, April 15, 2014 6:14 PM

**To:** Taraszki, Michael D; Gastelum, Albert; Liu, Paul

**Cc:** [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite; 'GENE.LUCERO@lw.com'; [Beth.Gordie@lw.com](mailto:Beth.Gordie@lw.com); [John.Heintz@lw.com](mailto:John.Heintz@lw.com); [bick@umbergzipser.com](mailto:bick@umbergzipser.com); Dabbaghian, Vahe; Jonny, Hadi; Leung, Jonathan; Steven L. Hoch; Hartwell, Robert C; Romansik, Robert L; Lewis, Ronald A.; Bean, David; Stemler, Greg; Dehghi, Benny; Jim Norman ([james.c.norman@lmco.com](mailto:james.c.norman@lmco.com)); Khuu, Heather; Monteith, Carolyn; Pickus, Wayne; Rosenstein, Liaht; Rowe, Suzanne; Walsh, Don; Shaffer, Caleb; Massey, Michael; Watt, Jamey

**Subject:** RE: NHOUS GIS data and monitoring well map request

Hello Mike and Paul.

Mike, thanks for your email. We all appreciate the need and importance to share data so that all stakeholders can make the best decisions for their needs. As we know, this is a complex site that requires coordinated communication with a diverse group of stakeholders. Sometimes our communication is not as efficient as it should be, but I hope everyone recognizes the increased time and effort that have been invested in the last 6 months. I want to use this email as a positive to keep activities moving forward in a good direction.

I have talked to AMEC, LADWP and HW individually concerning this email. I would like to propose the following for each group to consider.

#### **LADWP**

- In talking with Vahe, it is my understanding that the MW-06 data provided in the July 2013 report was data collected during the actual construction of the well and only used to make real-time decisions on the well construction. The data was not validated nor ever intended to be used in a larger decision making context. Granted, I can understand the rationale the PRPs can make that all data is important. I ask that LADWP provide an explanation as to how this data was collected. If LADWP feels it is not appropriate to share the data further, and provides a reasonable explanation, I think we should all be prepared for such.
- In my phone calls to Vahe and Paul, I have received LADWP's commitment to share all appropriate data as soon as it becomes available.
- In order to manage everyone's expectations on LADWP data collection, I ask that LADWP provide to the stakeholders a map showing all recently installed monitoring well locations.
- Attached with the well location map, I ask that LADWP provide to the stakeholders a draft schedule of recent past, present and future sampling activities. Please be as specific as possible as to what wells have been sampled already versus what your future plans are. Also, please be specific on the anticipated schedules for data validation.
- I hope that a map and schedule provide a good basis for everyone to know what data will be available when.

#### **AMEC**

- I apologize for the delay this has caused in submitting the 2nd Semi-Annual monitoring report. EPA acknowledges that the MW-06 data is important, but also feels there are other monitoring wells in the area that were installed by the PRPs that show similar data results. Please proceed with submitting the 2nd Semi-Annual monitoring report as soon as possible without the MW-06 data.
- As data from MW-06 and other LADWP GSIS data become available, we can incorporate this information into future reports. It is recognized that the LADWP data is independent, third party data.

I appreciate everyone's cooperation in this matter. If there are any questions to the bulleted points above, please let me know.

Thank you,  
Jamey Watt

---

**From:** Taraszki, Michael D <[Michael.Taraszki@amec.com](mailto:Michael.Taraszki@amec.com)>

**Sent:** Wednesday, April 9, 2014 3:49 PM

**To:** Gastelum, Albert; Liu, Paul

**Cc:** Watt, Jamey; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite; 'GENE.LUCERO@lw.com'; [Beth.Gordie@lw.com](mailto:Beth.Gordie@lw.com); [John.Heintz@lw.com](mailto:John.Heintz@lw.com); [bick@umbergzipser.com](mailto:bick@umbergzipser.com); Dabbaghian, Vahe; [hadi.jonny@water.ladwp.com](mailto:hadi.jonny@water.ladwp.com); Leung, Jonathan; Steven L. Hoch; Hartwell, Robert C; Romansik, Robert L; Lewis, Ronald A.; Bean, David; Stemler, Greg; Dehghi, Benny; Jim Norman ([james.c.norman@lmco.com](mailto:james.c.norman@lmco.com)); Khuu, Heather; Monteith, Carolyn; Pickus, Wayne; Rosenstein, Liaht; Rowe, Suzanne; Walsh, Don

**Subject:** NHOU: GSIS data and monitoring well map request

Albert and Paul,

As we discussed during the NHOU stakeholder meeting on March 27, AMEC has previously requested data associated with the NH-MW-06 soil boring and monitoring well. LADWP responded to our July 1, 2013 request with a statement that analytical data would not be available until after validation and, subsequently, that it would be provided via the GSIS report to be published in March 2014. AMEC submitted a second request on December 17, 2013 for data that would not require validation, including geologic logs, geophysical data, well construction data, survey data, and water level measurements. LADWP provided geophysical data on January 31, 2014; however, other requested data have not yet been provided and, as mentioned during the meeting, would not be available until June or July 2014.

Regarding the analytical data, we were surprised and disappointed that results from the groundwater sample collected at NH-MW-06 were not included in the March 2014 GSIS report, as had been promised. Analytical data from soil and groundwater samples collected at this and other locations are expected to augment previously reported analytical data from monitoring well NHC-09 (farther north) to help delineate the extent of COCs south of the Hewitt Pit area and along the western margin of the NHOU study area. Delineating the extent of elevated COC concentrations in this area is critically important considering the proximity to the North Hollywood (west branch) and Rinaldi-Toluca well fields and the potential need to capture groundwater in this area as part of the NHOU Second Interim Remedy to comply with RAOs included in the original and amended Record of Decision.

Please note that EPA has provided AMEC with analytical data that EPA has received from the LADWP. As such, we know that on December 18, 2013, LADWP provided the EPA with data files that included analytical results from a groundwater sample collected from NH-MW-06 on July 9, 2013. Those results indicate that elevated concentrations of VOCs and 1,4-dioxane are present at this location in Zone 1 (presumably equivalent to the A Zone). However, on January 3, 2014, LADWP submitted a revised file that excluded VOC results (described as "extraneous results") from the data file (1,4-dioxane results were retained). Note that we cannot fully evaluate these data without knowledge of how the well was constructed and the depths from which groundwater samples were collected.

Due to the informal nature of the analytical data submittal and the subsequent redaction of VOC results, we have respectfully waited for the GSIS report to be published in March 2014 before proceeding with submitting our Phase 1 Pre-Design Investigation second semiannual sampling report. However, because the GSIS report did not include these results, we are compelled to request (again) that LADWP provide all data associated with NH-MW-06, including analytical results from soil and groundwater samples. Not including analytical results from NH-MW-06 in our pending Pre-Design Investigation report will delay the project and will undermine our characterization and remediation design efforts. Considering that these data have existed for 9 months, we request that data associated with NH-MW-06 be provided to us within 10 days so that we can proceed with our Pre-Design Investigation reporting and design activities. We also request again that you provide us with a map showing monitoring wells installed as part of the GSIS program so that we can request additional data as appropriate and relevant to the NHOU 2IR project.

Please let me know if you have any questions regarding this issue and our reiterated data request.

Thank you,

**Michael Taraszki**

**Principal Hydrogeologist, PG, CHG, PMP**

**AMEC**

Environment & Infrastructure, Inc.

2101 Webster Street, 12th Floor, Oakland, CA 94612 USA

**NEW ADDRESS (effective 4/28/2014): 180 Grand Avenue, Suite 1100, Oakland, CA 94612**

Direct (510) 663-3996, Mobile (510) 368-4549

[michael.taraszki@amec.com](mailto:michael.taraszki@amec.com)

[amec.com](http://amec.com)

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**From:** Liu, Paul <[Paul.Liu@WATER.LADWP.com](mailto:Paul.Liu@WATER.LADWP.com)>  
**Sent:** Thursday, May 01, 2014 2:01 PM  
**To:** Watt, Jamey  
**Cc:** Dabbaghian, Vahe; Leung, Jonathan; Nova Clite; Lindquist, John; Shaffer, Caleb  
**Subject:** RE: NHOU: GSIS data and monitoring well map request

No problem Jamey. Let me get that answer for you hopefully by tomorrow. If not, it will have to wait until next week. I am at ACWA from Monday thru Wednesday.

Paul Liu  
Los Angeles Department of Water and Power  
Waterworks Engineer  
Groundwater Remediation Group  
(213)-367-3419 (office)  
(213)-792-5737 (cell)

---

**From:** Watt, Jamey [<mailto:Watt.Jamey@epa.gov>]  
**Sent:** Thursday, May 01, 2014 10:03 AM  
**To:** Liu, Paul  
**Cc:** Dabbaghian, Vahe; Leung, Jonathan; Nova Clite; Lindquist, John; Shaffer, Caleb  
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**Cc:** Leung, Jonathan; Gastelum, Albert; Dabbaghian, Vahe; Lyman, Michelle; Steven L. Hoch ([SHoch@mpplaw.com](mailto:SHoch@mpplaw.com)); VanWagoner, William  
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Walsh, Don; Shaffer, Caleb; Massey, Michael; Watt, Jamey

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Jamey Watt

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**Sent:** Wednesday, April 9, 2014 3:49 PM

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**Cc:** Watt, Jamey; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite; 'GENE.LUCERO@lw.com'; [Beth.Gordie@lw.com](mailto:Beth.Gordie@lw.com);

[John.Heintz@lw.com](mailto:John.Heintz@lw.com); [bick@umbergzipser.com](mailto:bick@umbergzipser.com); Dabbaghian, Vahe; [hadi.jonny@water.ladwp.com](mailto:hadi.jonny@water.ladwp.com); Leung, Jonathan;

Steven L. Hoch; Hartwell, Robert C; Romansik, Robert L; Lewis, Ronald A.; Bean, David; Stemler, Greg; Dehghi, Benny; Jim

Norman ([james.c.norman@lmco.com](mailto:james.c.norman@lmco.com)); Khuu, Heather; Monteith, Carolyn; Pickus, Wayne; Rosenstein, Liaht; Rowe,

Suzanne; Walsh, Don

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Thank you,

**Michael Taraszki**

**Principal Hydrogeologist, PG, CHG, PMP**

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Direct (510) 663-3996, Mobile (510) 368-4549

[michael.taraszki@amec.com](mailto:michael.taraszki@amec.com)

[amec.com](http://amec.com)

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---

**From:** Watt, Jamey  
**Sent:** Thursday, May 01, 2014 10:03 AM  
**To:** Liu, Paul  
**Cc:** Dabbaghian, Vahe; Leung, Jonathan; Nova Clite; Lindquist, John; Shaffer, Caleb  
**Subject:** NHO: GSIS data and monitoring well map request  
**Attachments:** GSIS Map Task 4 1 and 4 2 Sampling Wells.pdf

Thank you Paul. The map looks good.

I'll wait on sending this out to the larger group until we have a rough sampling schedule to go along with it. It probably makes sense to send both pieces out in one email to the group. Will a schedule be coming shortly? If you have any questions or concerns please let me know.

Thanks again.

---

**From:** Liu, Paul  
**Sent:** Tuesday, April 29, 2014 11:38 AM  
**To:** Watt, Jamey  
**Cc:** Leung, Jonathan; Gastelum, Albert; Dabbaghian, Vahe; Lyman, Michelle; Steven L. Hoch ([SHoch@mpplaw.com](mailto:SHoch@mpplaw.com)); VanWagoner, William  
**Subject:** RE: NHO: GSIS data and monitoring well map request

Jamey,

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Paul Liu

Los Angeles Department of Water and Power

Waterworks Engineer

Groundwater Remediation Group

(213)-367-3419 (office)

(213)-792-5737 (cell)

---

**From:** Watt, Jamey [<mailto:Watt.Jamey@epa.gov>]  
**Sent:** Tuesday, April 15, 2014 6:14 PM  
**To:** Taraszki, Michael D; Gastelum, Albert; Liu, Paul  
**Cc:** [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite; '[GENE.LUCERO@lw.com](mailto:GENE.LUCERO@lw.com)'; [Beth.Gordie@lw.com](mailto:Beth.Gordie@lw.com); [John.Heintz@lw.com](mailto:John.Heintz@lw.com); [bick@umbergzipser.com](mailto:bick@umbergzipser.com); Dabbaghian, Vahe; Jonny, Hadi; Leung, Jonathan; Steven L. Hoch; Hartwell, Robert C; Romansik, Robert L; Lewis, Ronald A.; Bean, David; Stemler, Greg; Dehghi, Benny; Jim Norman ([james.c.norman@lmco.com](mailto:james.c.norman@lmco.com)); Khuu, Heather; Monteith, Carolyn; Pickus, Wayne; Rosenstein, Liaht; Rowe, Suzanne; Walsh, Don; Shaffer, Caleb; Massey, Michael; Watt, Jamey

**Subject:** RE: NHO: GSIS data and monitoring well map request

Hello Mike and Paul.

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I have talked to AMEC, LADWP and HW individually concerning this email. I would like to propose the following for each group to consider.

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- In talking with Vahe, it is my understanding that the MW-06 data provided in the July 2013 report was data collected during the actual construction of the well and only used to make real-time decisions on the well construction. The data was not validated nor ever intended to be used in a larger decision making context. Granted, I can understand the rationale the PRPs can make that all data is important. I ask that LADWP provide an explanation as to how this data was collected. If LADWP feels it is not appropriate to share the data further, and provides a reasonable explanation, I think we should all be prepared for such.
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- In order to manage everyone's expectations on LADWP data collection, I ask that LADWP provide to the stakeholders a map showing all recently installed monitoring well locations.
- Attached with the well location map, I ask that LADWP provide to the stakeholders a draft schedule of recent past, present and future sampling activities. Please be as specific as possible as to what wells have been sampled already versus what your future plans are. Also, please be specific on the anticipated schedules for data validation.
- I hope that a map and schedule provide a good basis for everyone to know what data will be available when.

#### **AMEC**

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I appreciate everyone's cooperation in this matter. If there are any questions to the bulleted points above, please let me know.

Thank you,  
Jamey Watt

---

**From:** Taraszki, Michael D <[Michael.Taraszki@amec.com](mailto:Michael.Taraszki@amec.com)>

**Sent:** Wednesday, April 9, 2014 3:49 PM

**To:** Gastelum, Albert; Liu, Paul

**Cc:** Watt, Jamey; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite; 'GENE.LUCERO@lw.com'; [Beth.Gordie@lw.com](mailto:Beth.Gordie@lw.com); [John.Heintz@lw.com](mailto:John.Heintz@lw.com); [bick@umbergzipser.com](mailto:bick@umbergzipser.com); Dabbaghian, Vahe; [hadi.jonny@water.ladwp.com](mailto:hadi.jonny@water.ladwp.com); Leung, Jonathan; Steven L. Hoch; Hartwell, Robert C; Romansik, Robert L; Lewis, Ronald A.; Bean, David; Stemler, Greg; Dehghi, Benny; Jim Norman ([james.c.norman@lmco.com](mailto:james.c.norman@lmco.com)); Khuu, Heather; Monteith, Carolyn; Pickus, Wayne; Rosenstein, Liaht; Rowe, Suzanne; Walsh, Don

**Subject:** NHOU: GSIS data and monitoring well map request

Albert and Paul,

As we discussed during the NHOU stakeholder meeting on March 27, AMEC has previously requested data associated with the NH-MW-06 soil boring and monitoring well. LADWP responded to our July 1, 2013 request with a statement that analytical data would not be available until after validation and, subsequently, that it would be provided via the GSIS report to be published in March 2014. AMEC submitted a second request on December 17, 2013 for data that would not require validation, including geologic logs, geophysical data, well construction data, survey data, and water level measurements. LADWP provided geophysical data on January 31, 2014; however, other requested data have not yet been provided and, as mentioned during the meeting, would not be available until June or July 2014.

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Thank you,

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**Sent:** Tuesday, April 29, 2014 11:38 AM  
**To:** Watt, Jamey  
**Cc:** Leung, Jonathan; Gastelum, Albert; Dabbaghian, Vahe; Lyman, Michelle; Steven L. Hoch (SHoch@mpplaw.com); VanWagoner, William  
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---

**From:** Watt, Jamey  
**Sent:** Friday, April 25, 2014 4:03 PM  
**To:** Shaffer, Caleb  
**Subject:** FW: Tech Memo on Hewitt Pit Area Wells  
**Attachments:** TechMemo\_Hewitt PitSummary\_25Apr2014.pdf

Hi Caleb.

FYI - Here's the OTIE tech memo on their analysis of existing data around the Hewitt Pit area.

The last two pages are maps, which are helpful.

Thanks.

Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

---

**From:** Nova Clite [<mailto:NClite@otie.com>]  
**Sent:** Friday, April 25, 2014 12:37 PM  
**To:** Watt, Jamey  
**Cc:** [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Andy Austin (E2)  
**Subject:** Tech Memo on Hewitt Pit Area Wells

Jamey

For your review, please see attached Tech Memo on wells in the vicinity of the Hewitt Pit, prepared by John (with a little help from OTIE & E2).

The maps prepared by E2 incorporate GIS well locations and data not available on EPA's maps and provide a fuller picture of the area.

**Nova Clite, PG**  
**Oneida Total Integrated Enterprises (OTIE)**  
805.585-6396 office  
805.431.3675 cell  
805.585.2111 fax  
[www.otie.com](http://www.otie.com)



*Engineering, Science and Construction*

---

**From:** Watt, Jamey  
**Sent:** Friday, April 25, 2014 1:21 PM  
**To:** [benny.dehghi@honeywell.com](mailto:benny.dehghi@honeywell.com); [Donald.A.Walsh@us.mwhglobal.com](mailto:Donald.A.Walsh@us.mwhglobal.com); Liu, Paul; Nova Clite; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)  
**Subject:** FW: Hewitt Pit Landfill\_Extension of Deadline, CI 2180\_2014-04-21  
**Attachments:** Hewitt Pit Landfill\_Extension of Deadline, CI 2180\_2014-04-21.pdf

FYI – regarding Water Board correspondence on Hewitt Pit.

Extension has been granted to Vulcan to submit data/report by May 30, 2014.

Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

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**To:** Watt, Jamey; Massey, Michael  
**Subject:** FW: Hewitt Pit Landfill\_Extension of Deadline, CI 2180\_2014-04-21

FYI

---

**From:** Quidilla, Clarita@Waterboards [<mailto:Clarita.Quidilla@waterboards.ca.gov>]  
**Sent:** Friday, April 25, 2014 11:19 AM  
**To:** Brian G. Anderson ([andersonbg@vmcmail.com](mailto:andersonbg@vmcmail.com))  
**Cc:** Elizabeth Weaver ([elizabeth.weaver@nortonrosefulbright.com](mailto:elizabeth.weaver@nortonrosefulbright.com)); Cross, Douglas@Waterboards; Yang, Wen@Waterboards; Chou, Rebecca@Waterboards; Lee, Kwang@Waterboards; Heath, Arthur@Waterboards; Shaffer, Caleb; Steve Hoch ([shoch@mpplaw.com](mailto:shoch@mpplaw.com))  
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The California Regional Quality Control Board for the Los Angeles Region (Regional Board) provides copies of correspondence through e-mail. The attached is your copy of recent correspondence; only the addressee will receive a hard copy.

The letter is in Adobe Acrobat PDF format. You can obtain an Acrobat Reader free of charge at <http://www.adobe.com/products/acrobat/readstep2.html>.

Please contact the project manager, Douglas Cross at (213) 620-2246 if you have any questions.

Thank you,

Clarita S. Quidilla

Staff Services Analyst  
CA Regional Water Quality Control Board  
Los Angeles Region 4  
Phone #: (213) 576-1368  
Fax #: (213) 576-6640

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**To:** Brian G. Anderson ([andersonbg@vmcmail.com](mailto:andersonbg@vmcmail.com))  
**Cc:** Elizabeth Weaver ([elizabeth.weaver@nortonrosefulbright.com](mailto:elizabeth.weaver@nortonrosefulbright.com)); Cross, Douglas@Waterboards; Yang, Wen@Waterboards; Chou, Rebecca@Waterboards; Lee, Kwang@Waterboards; Heath, Arthur@Waterboards; Shaffer, Caleb; Steve Hoch ([shoch@mpplaw.com](mailto:shoch@mpplaw.com))  
**Subject:** Hewitt Pit Landfill\_Extension of Deadline, CI 2180\_2014-04-21

The California Regional Quality Control Board for the Los Angeles Region (Regional Board) provides copies of correspondence through e-mail. The attached is your copy of recent correspondence; only the addressee will receive a hard copy.

The letter is in Adobe Acrobat PDF format. You can obtain an Acrobat Reader free of charge at <http://www.adobe.com/products/acrobat/readstep2.html>.

Please contact the project manager, Douglas Cross at (213) 620-2246 if you have any questions.

Thank you,

Clarita S. Quidilla  
Staff Services Analyst  
CA Regional Water Quality Control Board  
Los Angeles Region 4  
Phone #: (213) 576-1368  
Fax #: (213) 576-6640

---

**From:** Nova Clite <NClite@otie.com>  
**Sent:** Friday, April 25, 2014 12:37 PM  
**To:** Watt, Jamey  
**Cc:** [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Andy Austin (E2)  
**Subject:** Tech Memo on Hewitt Pit Area Wells  
**Attachments:** TechMemo\_Hewitt PitSummary\_25Apr2014.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Jamey

For your review, please see attached Tech Memo on wells in the vicinity of the Hewitt Pit, prepared by John (with a little help from OTIE & E2).

The maps prepared by E2 incorporate GIS well locations and data not available on EPA's maps and provide a fuller picture of the area.

**Nova Clite, PG**  
**Oneida Total Integrated Enterprises (OTIE)**  
805.585-6396 office  
805.431.3675 cell  
805.585.2111 fax  
[www.otie.com](http://www.otie.com)



*Engineering, Science and Construction*



---

**From:** Watt, Jamey  
**Sent:** Wednesday, April 23, 2014 2:29 PM  
**To:** Nova Clite; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)  
**Subject:** FW: NHOU: Second Semiannual Findings Report  
**Attachments:** AMEC\_14\_4088115718\_Phase I Design Invest\_2nd Findings\_042214  
\_txt\_tbls\_figs\_Apps\_A\_B.pdf

Nova and John-

Is this something you can review quickly and let me know if you have any comments?

Thanks.

Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

---

**From:** Taraszki, Michael D [<mailto:Michael.Taraszki@amec.com>]  
**Sent:** Tuesday, April 22, 2014 9:10 PM  
**To:** Watt, Jamey; Diep, Chi P. (CDPH-DDWEM); [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Larry Moore; Nova Clite; Richard Slade ([ULARAwatmaster@rcslade.com](mailto:ULARAwatmaster@rcslade.com)); Susan Brownstein ([susan.brownstein@cdph.ca.gov](mailto:susan.brownstein@cdph.ca.gov)); Tedd Yargeau ([Tedd.Yargeau@dtsc.ca.gov](mailto:Tedd.Yargeau@dtsc.ca.gov)); Vahe Dabbaghian ([Vahe.Dabbaghian@WATER.LADWP.com](mailto:Vahe.Dabbaghian@WATER.LADWP.com))  
**Cc:** Dehghi, Benny; Jim Norman ([james.c.norman@lmco.com](mailto:james.c.norman@lmco.com)); Khuu, Heather; Monteith, Carolyn; Pickus, Wayne; Rosenstein, Liaht; Rowe, Suzanne; Walsh, Don; Bailiff, Eileen; Barnes, Mike S; Bean, David; Chang, Sandy; Hartwell, Robert C; Lewis, Ronald A.; Romansik, Robert L; Stemler, Greg  
**Subject:** NHOU: Second Semiannual Findings Report

NHOU Team:

On behalf of Honeywell and Lockheed Martin, we are pleased to submit our *Phase 1 Pre-Design Investigation – Second Semiannual Sampling Findings and Data Gap Review* (attached). Appendix C is available at our SharePoint site (see link below) due to the large file size.

<http://amext.amec.com/sites/nhou/EPA/default.aspx?RootFolder=%2Fsites%2Fnhou%2FEPA%2FDeliverables%2FPhase%201%20Pre%2DDesign%20Investigation%2F2nd%5FSemiannual%5FSampling%5FEvent&FolderCTID=0x012000D396AD6E041C164FB81F4477DB3D50C5&View={5F885AFE-084A-40F4-8853-1169B01F365A}>

Please let me know if you have any questions regarding this deliverable.

Thank you,

**Michael Taraszki**  
**Principal Hydrogeologist, PG, CHG, PMP**  
**AMEC**

Environment & Infrastructure, Inc.  
2101 Webster Street, 12th Floor, Oakland, CA 94612 USA

**NEW ADDRESS (effective 4/28/2014): 180 Grand Avenue, Suite 1100, Oakland, CA 94612**

Direct (510) 663-3996, Mobile (510) 368-4549

[michael.taraszki@amec.com](mailto:michael.taraszki@amec.com)

[amec.com](http://amec.com)

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**Cc:** Dehghi, Benny; Jim Norman ([james.c.norman@lmco.com](mailto:james.c.norman@lmco.com)); Khuu, Heather; Monteith, Carolyn; Pickus, Wayne; Rosenstein, Liaht; Rowe, Suzanne; Walsh, Don; Bailiff, Eileen; Barnes, Mike S; Bean, David; Chang, Sandy; Hartwell, Robert C; Lewis, Ronald A.; Romansik, Robert L; Stemler, Greg  
**Subject:** NHOU: Second Semiannual Findings Report  
**Attachments:** AMEC\_14\_4088115718\_Phase I Design Invest\_2nd Findings\_042214\_txt\_tbls\_figs\_Apps\_A\_B.pdf

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[michael.taraszki@amec.com](mailto:michael.taraszki@amec.com)  
[amec.com](http://amec.com)

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**From:** Watt, Jamey  
**Sent:** Tuesday, April 15, 2014 6:14 PM  
**To:** Taraszki, Michael D; Gastelum, Albert; Liu, Paul  
**Cc:** [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite; '[GENE.LUCERO@lw.com](mailto:GENE.LUCERO@lw.com)'; [Beth.Gordie@lw.com](mailto:Beth.Gordie@lw.com); [John.Heintz@lw.com](mailto:John.Heintz@lw.com); [bick@umbergzipser.com](mailto:bick@umbergzipser.com); Dabbaghian, Vahe; [hadi.jonny@water.ladwp.com](mailto:hadi.jonny@water.ladwp.com); Leung, Jonathan; Steven L. Hoch; Hartwell, Robert C; Romansik, Robert L; Lewis, Ronald A.; Bean, David; Stemler, Greg; Dehghi, Benny; Jim Norman ([james.c.norman@lmco.com](mailto:james.c.norman@lmco.com)); Khuu, Heather; Monteith, Carolyn; Pickus, Wayne; Rosenstein, Liaht; Rowe, Suzanne; Walsh, Don; Shaffer, Caleb; Massey, Michael; Watt, Jamey  
**Subject:** RE: NHO: GSIS data and monitoring well map request

Hello Mike and Paul.

Mike, thanks for your email. We all appreciate the need and importance to share data so that all stakeholders can make the best decisions for their needs. As we know, this is a complex site that requires coordinated communication with a diverse group of stakeholders. Sometimes our communication is not as efficient as it should be, but I hope everyone recognizes the increased time and effort that have been invested in the last 6 months. I want to use this email as a positive to keep activities moving forward in a good direction.

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- In talking with Vahe, it is my understanding that the MW-06 data provided in the July 2013 report was data collected during the actual construction of the well and only used to make real-time decisions on the well construction. The data was not validated nor ever intended to be used in a larger decision making context. Granted, I can understand the rationale the PRPs can make that all data is important. I ask that LADWP provide an explanation as to how this data was collected. If LADWP feels it is not appropriate to share the data further, and provides a reasonable explanation, I think we should all be prepared for such.
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- In order to manage everyone's expectations on LADWP data collection, I ask that LADWP provide to the stakeholders a map showing all recently installed monitoring well locations.
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- As data from MW-06 and other LADWP GSIS data become available, we can incorporate this information into future reports. It is recognized that the LADWP data is independent, third party data.

I appreciate everyone's cooperation in this matter. If there are any questions to the bulleted points above, please let me know.

Thank you,

Jamey Watt

---

**From:** Taraszki, Michael D

**Sent:** Wednesday, April 9, 2014 3:49 PM

**To:** Gastelum, Albert; Liu, Paul

**Cc:** Watt, Jamey; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite; '[GENE.LUCERO@lw.com](mailto:GENE.LUCERO@lw.com)'; [Beth.Gordie@lw.com](mailto:Beth.Gordie@lw.com); [John.Heintz@lw.com](mailto:John.Heintz@lw.com); [bick@umbergzipser.com](mailto:bick@umbergzipser.com); Dabbaghian, Vahe; [hadi.jonny@water.ladwp.com](mailto:hadi.jonny@water.ladwp.com); Leung, Jonathan; Steven L. Hoch; Hartwell, Robert C; Romansik, Robert L; Lewis, Ronald A.; Bean, David; Stemler, Greg; Dehghi, Benny; Jim Norman ([james.c.norman@lmco.com](mailto:james.c.norman@lmco.com)); Khuu, Heather; Monteith, Carolyn; Pickus, Wayne; Rosenstein, Liaht; Rowe, Suzanne; Walsh, Don

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Albert and Paul,

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Regarding the analytical data, we were surprised and disappointed that results from the groundwater sample collected at NH-MW-06 were not included in the March 2014 GSIS report, as had been promised. Analytical data from soil and groundwater samples collected at this and other locations are expected to augment previously reported analytical data from monitoring well NHC-09 (farther north) to help delineate the extent of COCs south of the Hewitt Pit area and along the western margin of the NHOU study area. Delineating the extent of elevated COC concentrations in this area is critically important considering the proximity to the North Hollywood (west branch) and Rinaldi-Toluca well fields and the potential need to capture groundwater in this area as part of the NHOU Second Interim Remedy to comply with RAOs included in the original and amended Record of Decision.

Please note that EPA has provided AMEC with analytical data that EPA has received from the LADWP. As such, we know that on December 18, 2013, LADWP provided the EPA with data files that included analytical results from a groundwater sample collected from NH-MW-06 on July 9, 2013. Those results indicate that elevated concentrations of VOCs and 1,4-

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Due to the informal nature of the analytical data submittal and the subsequent redaction of VOC results, we have respectfully waited for the GSIS report to be published in March 2014 before proceeding with submitting our Phase 1 Pre-Design Investigation second semiannual sampling report. However, because the GSIS report did not include these results, we are compelled to request (again) that LADWP provide all data associated with NH-MW-06, including analytical results from soil and groundwater samples. Not including analytical results from NH-MW-06 in our pending Pre-Design Investigation report will delay the project and will undermine our characterization and remediation design efforts. Considering that these data have existed for 9 months, we request that data associated with NH-MW-06 be provided to us within 10 days so that we can proceed with our Pre-Design Investigation reporting and design activities. We also request again that you provide us with a map showing monitoring wells installed as part of the GSIS program so that we can request additional data as appropriate and relevant to the NHOU 2IR project.

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2101 Webster Street, 12th Floor, Oakland, CA 94612 USA

**NEW ADDRESS (effective 4/28/2014): 180 Grand Avenue, Suite 1100, Oakland, CA 94612**

Direct (510) 663-3996, Mobile (510) 368-4549

[michael.taraszki@amec.com](mailto:michael.taraszki@amec.com)

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**From:** Watt, Jamey  
**Sent:** Tuesday, April 15, 2014 6:14 PM  
**To:** Taraszki, Michael D; Gastelum, Albert; Liu, Paul  
**Cc:** [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite; '[GENE.LUCERO@lw.com](mailto:GENE.LUCERO@lw.com)'; [Beth.Gordie@lw.com](mailto:Beth.Gordie@lw.com); [John.Heintz@lw.com](mailto:John.Heintz@lw.com); [bick@umbergzipser.com](mailto:bick@umbergzipser.com); Dabbaghian, Vahe; [hadi.jonny@water.ladwp.com](mailto:hadi.jonny@water.ladwp.com); Leung, Jonathan; Steven L. Hoch; Hartwell, Robert C; Romansik, Robert L; Lewis, Ronald A.; Bean, David; Stemler, Greg; Dehghi, Benny; Jim Norman ([james.c.norman@lmco.com](mailto:james.c.norman@lmco.com)); Khuu, Heather; Monteith, Carolyn; Pickus, Wayne; Rosenstein, Liaht; Rowe, Suzanne; Walsh, Don; Shaffer, Caleb; Massey, Michael; Watt, Jamey  
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**From:** Steven L. Hoch <[SHoch@mpplaw.com](mailto:SHoch@mpplaw.com)>  
**Sent:** Friday, April 11, 2014 8:21 PM  
**To:** Watt, Jamey  
**Cc:** Michelle Lyman ([Michelle.Lyman@ladwp.com](mailto:Michelle.Lyman@ladwp.com)); Massey, Michael; Shaffer, Caleb; Liu, Paul; [vahe.dabbaghian@ladwp.com](mailto:vahe.dabbaghian@ladwp.com)  
**Subject:** RE: NHO: GSIS data and monitoring well map request  
**Attachments:** removed.txt

Thanks Jamey...I think a lawyer wrote it!

**Steven L. Hoch**

Partner  
1055 West Seventh Street  
Twenty-Fourth Floor  
Los Angeles, CA 90017  
Direct: 213.417.5158  
Main: 213.891.9100  
Fax: 213.488.1178  
[SHoch@mpplaw.com](mailto:SHoch@mpplaw.com)



**Morris Polich & Purdy LLP**

Los Angeles - San Francisco - San Diego - Las Vegas - Irvine  
[www.mpplaw.com](http://www.mpplaw.com)

---

**From:** Watt, Jamey [<mailto:Watt.Jamey@epa.gov>]  
**Sent:** Friday, April 11, 2014 5:56 PM  
**To:** Steven L. Hoch  
**Cc:** Michelle Lyman ([Michelle.Lyman@ladwp.com](mailto:Michelle.Lyman@ladwp.com)); Massey, Michael; Shaffer, Caleb; Liu, Paul; Watt, Jamey; [vahe.dabbaghian@ladwp.com](mailto:vahe.dabbaghian@ladwp.com)  
**Subject:** RE: NHO: GSIS data and monitoring well map request

Hi Steve.

I can understand your reaction. It came out of left field for me too. It's an unfortunate tone, but I think we can get through it diplomatically. I have talked to Vahe and Mike Taraszi individually. I'd like to catch up with Paul and hear his thoughts before "replying all".

Thanks for your patience.

More importantly – how's the license agreement coming along?

I hope you are well and if you will be out of the office in the next few weeks, good luck with everything.

Have a good weekend.

Jamey Watt

Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

---

**From:** Steven L. Hoch [<mailto:SHoch@mpplaw.com>]  
**Sent:** Thursday, April 10, 2014 4:23 PM  
**To:** Watt, Jamey  
**Cc:** Michelle Lyman ([Michelle.Lyman@ladwp.com](mailto:Michelle.Lyman@ladwp.com)); Massey, Michael  
**Subject:** FW: NHO: GSIS data and monitoring well map request

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Partner

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Twenty-Fourth Floor  
Los Angeles, CA 90017

Direct: 213.417.5158  
Main: 213.891.9100  
Fax: 213.488.1178

[SHoch@mpplaw.com](mailto:SHoch@mpplaw.com)



Los Angeles - San Francisco - San Diego - Las Vegas - Irvine  
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**From:** Taraszki, Michael D [<mailto:Michael.Taraszki@amec.com>]  
**Sent:** Wednesday, April 09, 2014 3:50 PM  
**To:** Gastelum, Albert; Liu, Paul  
**Cc:** Jamey Watt ([Watt.Jamey@epamail.epa.gov](mailto:Watt.Jamey@epamail.epa.gov)); [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite; [GENE.LUCERO@lw.com](mailto:GENE.LUCERO@lw.com); [Beth.Gordie@lw.com](mailto:Beth.Gordie@lw.com); [John.Heintz@lw.com](mailto:John.Heintz@lw.com); [bick@umbergzipser.com](mailto:bick@umbergzipser.com); Dabbaghian, Vahe;

[hadi.jonny@water.ladwp.com](mailto:hadi.jonny@water.ladwp.com); Leung, Jonathan; Steven L. Hoch; Hartwell, Robert C; Romansik, Robert L; Lewis, Ronald A.; Bean, David; Stemler, Greg; Dehghi, Benny; Jim Norman ([james.c.norman@lmco.com](mailto:james.c.norman@lmco.com)); Khuu, Heather; Monteith, Carolyn; Pickus, Wayne; Rosenstein, Liaht; Rowe, Suzanne; Walsh, Don  
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**NEW ADDRESS (effective 4/28/2014): 180 Grand Avenue, Suite 1100, Oakland, CA 94612**  
Direct (510) 663-3996, Mobile (510) 368-4549  
[michael.taraszki@amec.com](mailto:michael.taraszki@amec.com)  
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Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
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Los Angeles - San Francisco - San Diego - Las Vegas - Irvine  
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Mike  
This email, as being addressed to me, calls for two responses.  
First, I will discuss all this with my clients and they will provide a response.  
Second, while I understand your apparent frustration, do not set any deadline for LADWP. I can assure you I will address this.

**Steven L. Hoch**

Partner  
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Please note that EPA has provided AMEC with analytical data that EPA has received from the LADWP. As such, we know that on December 18, 2013, LADWP provided the EPA with data files that included analytical results from a groundwater sample collected from NH-MW-06 on July 9, 2013. Those results indicate that elevated concentrations of VOCs and 1,4-dioxane are present at this location in Zone 1 (presumably equivalent to the A Zone). However, on January 3, 2014, LADWP submitted a revised file that excluded VOC results (described as “extraneous results”) from the data file (1,4-dioxane results were retained). Note that we cannot fully evaluate these data without knowledge of how the well was constructed and the depths from which groundwater samples were collected.

Due to the informal nature of the analytical data submittal and the subsequent redaction of VOC results, we have respectfully waited for the GSIS report to be published in March 2014 before proceeding with submitting our Phase 1 Pre-Design Investigation second semiannual sampling report. However, because the GSIS report did not include these results, we are compelled to request (again) that LADWP provide all data associated with NH-MW-06, including analytical results from soil and groundwater samples. Not including analytical results from NH-MW-06 in our pending Pre-Design Investigation report will delay the project and will undermine our characterization and remediation design efforts. Considering that these data have existed for 9 months, we request that data associated with NH-MW-06 be provided to us within 10 days so that we can proceed with our Pre-Design Investigation reporting and design activities. We also request again that you provide us with a map showing monitoring wells installed as part of the GSIS program so that we can request additional data as appropriate and relevant to the NHOU 2IR project.

Please let me know if you have any questions regarding this issue and our reiterated data request.

Thank you,

**Michael Taraszki**

**Principal Hydrogeologist, PG, CHG, PMP**

**AMEC**

Environment & Infrastructure, Inc.

2101 Webster Street, 12th Floor, Oakland, CA 94612 USA

**NEW ADDRESS (effective 4/28/2014): 180 Grand Avenue, Suite 1100, Oakland, CA 94612**

Direct (510) 663-3996, Mobile (510) 368-4549

[michael.taraszki@amec.com](mailto:michael.taraszki@amec.com)

[amec.com](http://amec.com)

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---

**From:** Taraszki, Michael D <Michael.Taraszki@amec.com>  
**Sent:** Wednesday, April 09, 2014 3:50 PM  
**To:** Gastelum, Albert; Liu, Paul  
**Cc:** Watt, Jamey; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite; 'GENE.LUCERO@lw.com'; [Beth.Gordie@lw.com](mailto:Beth.Gordie@lw.com); [John.Heintz@lw.com](mailto:John.Heintz@lw.com); [bick@umbergzipser.com](mailto:bick@umbergzipser.com); Dabbaghian, Vahe; [hadi.jonny@water.ladwp.com](mailto:hadi.jonny@water.ladwp.com); Leung, Jonathan; Steven L. Hoch; Hartwell, Robert C; Romansik, Robert L; Lewis, Ronald A.; Bean, David; Stemler, Greg; Dehghi, Benny; Jim Norman ([james.c.norman@lmco.com](mailto:james.c.norman@lmco.com)); Khuu, Heather; Monteith, Carolyn; Pickus, Wayne; Rosenstein, Liaht; Rowe, Suzanne; Walsh, Don  
**Subject:** NHOU: GSIS data and monitoring well map request

Albert and Paul,

As we discussed during the NHOU stakeholder meeting on March 27, AMEC has previously requested data associated with the NH-MW-06 soil boring and monitoring well. LADWP responded to our July 1, 2013 request with a statement that analytical data would not be available until after validation and, subsequently, that it would be provided via the GSIS report to be published in March 2014. AMEC submitted a second request on December 17, 2013 for data that would not require validation, including geologic logs, geophysical data, well construction data, survey data, and water level measurements. LADWP provided geophysical data on January 31, 2014; however, other requested data have not yet been provided and, as mentioned during the meeting, would not be available until June or July 2014.

Regarding the analytical data, we were surprised and disappointed that results from the groundwater sample collected at NH-MW-06 were not included in the March 2014 GSIS report, as had been promised. Analytical data from soil and groundwater samples collected at this and other locations are expected to augment previously reported analytical data from monitoring well NHC-09 (farther north) to help delineate the extent of COCs south of the Hewitt Pit area and along the western margin of the NHOU study area. Delineating the extent of elevated COC concentrations in this area is critically important considering the proximity to the North Hollywood (west branch) and Rinaldi-Toluca well fields and the potential need to capture groundwater in this area as part of the NHOU Second Interim Remedy to comply with RAOs included in the original and amended Record of Decision.

Please note that EPA has provided AMEC with analytical data that EPA has received from the LADWP. As such, we know that on December 18, 2013, LADWP provided the EPA with data files that included analytical results from a groundwater sample collected from NH-MW-06 on July 9, 2013. Those results indicate that elevated concentrations of VOCs and 1,4-dioxane are present at this location in Zone 1 (presumably equivalent to the A Zone). However, on January 3, 2014, LADWP submitted a revised file that excluded VOC results (described as "extraneous results") from the data file (1,4-dioxane results were retained). Note that we cannot fully evaluate these data without knowledge of how the well was constructed and the depths from which groundwater samples were collected.

Due to the informal nature of the analytical data submittal and the subsequent redaction of VOC results, we have respectfully waited for the GSIS report to be published in March 2014 before proceeding with submitting our Phase 1 Pre-Design Investigation second semiannual sampling report. However, because the GSIS report did not include these results, we are compelled to request (again) that LADWP provide all data associated with NH-MW-06, including analytical results from soil and groundwater samples. Not including analytical results from NH-MW-06 in our pending Pre-Design Investigation report will delay the project and will undermine our characterization and remediation design efforts. Considering that these data have existed for 9 months, we request that data associated with NH-MW-06 be provided to us within 10 days so that we can proceed with our Pre-Design Investigation reporting and design activities. We also request again that you provide us with a map showing monitoring wells installed as part of the GSIS program so that we can request additional data as appropriate and relevant to the NHOU 2IR project.

Please let me know if you have any questions regarding this issue and our reiterated data request.

Thank you,

**Michael Taraszki**

**Principal Hydrogeologist, PG, CHG, PMP**

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[michael.taraszki@amec.com](mailto:michael.taraszki@amec.com)

[amec.com](http://amec.com)

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**From:** Watt, Jamey  
**Sent:** Wednesday, April 02, 2014 11:31 AM  
**To:** 'John.Lindquist@CH2M.com'  
**Subject:** RE: EPA research requests for OTIE/CH2MHill

Thanks John. That all sounds good.

Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

---

**From:** John.Lindquist@CH2M.com [mailto:John.Lindquist@CH2M.com]  
**Sent:** Wednesday, April 02, 2014 10:33 AM  
**To:** Watt, Jamey; NClite@otie.com  
**Cc:** Shaffer, Caleb; Massey, Michael  
**Subject:** RE: EPA research requests for OTIE/CH2MHill

Hi Jamey;

I know that Nova is in meetings today, so I'll attempt to answer on behalf of both of us:

1. RD Schedule—I think it should be easy to research the AOC you recently sent us (March 18), along with the schedule updates provided by PRPs last year, and provide you with an updated graphic showing where the RD currently is in the process. Should be readily doable in a week, then if you have more specific questions about timetables or status of individual RD tasks, we can dive further into those issues.
2. Consolidation of Hewitt Pit data—We have begun to pull together the data for new wells in the Hewitt Pit area already, per your previous request on this point. The data have been trickling in from different sources (MWH, AMEC, LADWP), and it's not clear that we have it all yet. Because the data are so new, they have not been added to the SFV groundwater database yet, so we are working from hard copies. We will prioritize reviewing the recent data to determine what we have and what's still missing from the compilation, so that we can request new data if needed, and prepare the synopsis in two weeks or less.

Regards,

John Lindquist  
CH2M HILL  
Senior Project Hydrogeologist  
Work: 805-413-5813  
Internal direct extension: 35813  
Cell: 530.953.5805  
Fax: 714.424.2017  
[John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)  
[www.CH2M.com](http://www.CH2M.com)

---

**From:** Watt, Jamey [mailto:Watt.Jamey@epa.gov]  
**Sent:** Wednesday, April 02, 2014 10:20 AM  
**To:** Nova Clite; Lindquist, John/THO

**Cc:** Shaffer, Caleb; Massey, Michael; Watt, Jamey  
**Subject:** EPA research requests for OTIE/CH2MHill

Nova and John-

Here's a few big picture, research-related issues that I'd like to request your assistance with....

1. Official NHOU RD schedule: EPA needs to have a better understanding of NHOU schedules and where exactly we are in the process. I think this ultimately goes back to the AOC and the Statement of Work within that document. Main point being we need to know what is enforceable.
2. Consolidation of data around Hewitt Pit. This includes using LADWP's, HW's, AMEC's and Hewitt Pit's (presumably from RWQCB). Please feel free to request this data from the parties on my behalf if something is missing.

In terms of work product for each. Maybe a one-page synopsis and a second page graphic. Depending on your workload, maybe a 1 to 2 week turnaround?

If you need any documents, please let me know.

Please let me know your thoughts.

Thank you.

Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

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**Sent:** Wednesday, April 02, 2014 10:33 AM  
**To:** Watt, Jamey; [NClite@otie.com](mailto:NClite@otie.com)  
**Cc:** Shaffer, Caleb; Massey, Michael  
**Subject:** RE: EPA research requests for OTIE/CH2MHill

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[John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)  
[www.CH2M.com](http://www.CH2M.com)

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**From:** Watt, Jamey [<mailto:Watt.Jamey@epa.gov>]  
**Sent:** Wednesday, April 02, 2014 10:20 AM  
**To:** Nova Clite; Lindquist, John/THO  
**Cc:** Shaffer, Caleb; Massey, Michael; Watt, Jamey  
**Subject:** EPA research requests for OTIE/CH2MHill

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Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

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**From:** Watt, Jamey  
**Sent:** Wednesday, April 02, 2014 10:20 AM  
**To:** Nova Clite; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)  
**Cc:** Shaffer, Caleb; Massey, Michael; Watt, Jamey  
**Subject:** EPA research requests for OTIE/CH2MHill

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Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

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**From:** Watt, Jamey  
**Sent:** Wednesday, April 02, 2014 10:20 AM  
**To:** Nova Clite; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)  
**Cc:** Caleb Shaffer; Massey, Michael; Watt, Jamey  
**Subject:** EPA research requests for OTIE/CH2MHill

Nova and John-

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Please let me know your thoughts.

Thank you.

Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

---

**From:** Massey, Michael  
**Sent:** Monday, March 31, 2014 11:45 AM  
**To:** Steven L. Hoch  
**Cc:** Michelle Lyman ([Michelle.Lyman@ladwp.com](mailto:Michelle.Lyman@ladwp.com)); Christopher W. Smith; Sudhir L. Burgaard; Christopher G. Foster; Watt, Jamey; O'Brien, Brad (ENRD); Forsythe, Davis (ENRD)  
**Subject:** RE: NHOU  
**Attachments:** Hewitt Pit Landfill\_CA Water Code Section 13267, CI 2180\_2014-01-31.pdf

Steve,

I believe Jamey was referring to the order issued by the RWQCB, which is attached.

Mike

Michael Massey  
Assistant Regional Counsel  
EPA Region IX  
75 Hawthorne St., ORC-3  
San Francisco, CA 94105  
[massey.michael@epa.gov](mailto:massey.michael@epa.gov)  
(415) 972-3034

---

**From:** Steven L. Hoch [<mailto:SHoch@mpplaw.com>]  
**Sent:** Monday, March 31, 2014 11:39 AM  
**To:** Massey, Michael  
**Cc:** Michelle Lyman ([Michelle.Lyman@ladwp.com](mailto:Michelle.Lyman@ladwp.com)); Christopher W. Smith; Sudhir L. Burgaard; Christopher G. Foster  
**Subject:** NHOU

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Mike  
At our recent meeting there was discussion about the Hewitt Pit and I think Jamie said that there was an order issued relating to this. I couldn't find this on the EPA website. Can you supply me with a link to any of the information, documentation generated regarding the site. If not, can you just send the documents. Thanks.

**Steven L. Hoch**  
Partner

1055 West Seventh Street  
Twenty-Fourth Floor  
Los Angeles, CA 90017

Direct: 213.417.5158  
Main: 213.891.9100  
Fax: 213.488.1178

[SHoch@mpplaw.com](mailto:SHoch@mpplaw.com)



**Morris Polich & Purdy LLP**

Los Angeles - San Francisco - San Diego - Las Vegas - Irvine  
[www.mpplaw.com](http://www.mpplaw.com)

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**From:** Dabbaghian, Vahe <Vahe.Dabbaghian@WATER.LADWP.com>  
**Sent:** Tuesday, March 18, 2014 2:40 PM  
**To:** Taraszki, Michael D <Michael.Taraszki@amec.com>  
**Cc:** Watt, Jamey; John.Lindquist@CH2M.com; NClite@otie.com; Jonny, Hadi  
**Subject:** Well Construction Information Request

Hi Michael,  
We have not yet received the information that you are requesting. It may be available in mid-June or July.  
Regards,  
Vahe Dabbaghian, P.E.  
Groundwater Remediation Group  
Los Angeles Department of Water & Power  
(213) 367-3543

---

**From:** Taraszki, Michael D [<mailto:Michael.Taraszki@amec.com>]  
**Sent:** Friday, January 31, 2014 8:39 PM  
**To:** Dabbaghian, Vahe  
**Cc:** 'Watt, Jamey'; 'John.Lindquist@CH2M.com'; 'Nova Clite'  
**Subject:** RE: Well Construction Data for NH-MW-05

Vahe,  
Thanks again for providing geophysical logs for these four monitoring wells. Do you intend to also send geologic logs and well construction information? A map showing at least these well locations would also be very helpful.  
Thank you,

**Michael Taraszki**  
**Principal Hydrogeologist, PG, CHG, PMP**  
**AMEC**

Environment & Infrastructure, Inc.  
2101 Webster Street, 12th Floor, Oakland, CA 94612 USA  
Direct (510) 663-3996, Mobile (510) 368-4549  
[michael.taraszki@amec.com](mailto:michael.taraszki@amec.com)  
[amec.com](http://amec.com)

---

**From:** Dabbaghian, Vahe [<mailto:Vahe.Dabbaghian@WATER.LADWP.com>]  
**Sent:** Friday, January 31, 2014 10:15 AM  
**To:** Taraszki, Michael D  
**Cc:** 'Watt, Jamey'; 'John.Lindquist@CH2M.com'; 'Nova Clite'  
**Subject:** RE: Well Construction Data for NH-MW-05  
Correction: Subject title for my email below should have been "Geophysical Borehole Log for Monitoring Well NH-MW-05"

---

**From:** Dabbaghian, Vahe  
**Sent:** Friday, January 31, 2014 9:58 AM  
**To:** 'Taraszki, Michael D'  
**Cc:** 'Watt, Jamey'; 'John.Lindquist@CH2M.com'; 'Nova Clite'  
**Subject:** Well Construction Data for NH-MW-05

Hello Michael,  
Attached you will find the geophysical borehole log for Monitoring Well NH-MW-05.  
I will send you other requested data in separate emails, due to large file size.

Regards,  
Vahe

---

**From:** Dabbaghian, Vahe  
**Sent:** Thursday, January 30, 2014 4:23 PM  
**To:** 'Watt, Jamey'  
**Cc:** Taraszki, Michael D; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite  
**Subject:** RE: data requests b/n LADWP and AMEC  
AMEC will receive data for the following new monitoring wells tomorrow:

- NH-MW-05
- NH-MW-06
- RT-MW-01
- RT-MW-10

Regards,  
Vahe Dabbaghian, P.E.  
Groundwater Remediation Group  
Los Angeles Department of Water & Power  
(213) 367-3543

---

**From:** Watt, Jamey [\[mailto:Watt.Jamey@epa.gov\]](mailto:Watt.Jamey@epa.gov)  
**Sent:** Thursday, January 30, 2014 4:03 PM  
**To:** Dabbaghian, Vahe  
**Cc:** Taraszki, Michael D; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite  
**Subject:** data requests b/n LADWP and AMEC  
Hi Vahe.

I hope you are well. Thanks for the note. I resent the May / June 2013 files to Mike T. My fault - Sorry about that.

Also, what are your thoughts on Mike's other request? Is that something that LADWP can assist with – providing at least the information that doesn't need to be validated like well logs, etc?

*Note that AMEC has not received a response to our December 17, 2013 request for data from LADWP regarding monitoring wells recently installed in the NHOU area, including at least two wells installed south of the former Hewitt Pit area. Our request included data that would not need to be validated, including geologic and geophysical logs, well construction details, surveyed elevation and locations, and water level measurements. A map showing monitoring well locations was also requested.*

Jamey Watt  
Remedial Project Manager  
415-972-3175  
U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

---

**From:** Dabbaghian, Vahe [\[mailto:Vahe.Dabbaghian@WATER.LADWP.com\]](mailto:Vahe.Dabbaghian@WATER.LADWP.com)  
**Sent:** Wednesday, January 29, 2014 4:23 PM  
**To:** Watt, Jamey  
**Subject:** RE: Water Quality Data from LADWP MONITORING Wells Sampled in December 2011

Hi Jamey,  
In attached email, I sent you the water quality data for May 2013 and June 2013. You may have inadvertently left them out when forwarding to Mike Taraszki.

Regards,  
Vahe Dabbaghian, P.E.  
Groundwater Remediation Group  
Los Angeles Department of Water & Power

**From:** Taraszki, Michael D [<mailto:Michael.Taraszki@amec.com>]

**Sent:** Wednesday, January 22, 2014 8:08 PM

**To:** Watt, Jamey; Dabbaghian, Vahe

**Cc:** [NCLite@otie.com](mailto:NCLite@otie.com); 'Dehghi, Benny'; Monteith, Carolyn S; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Walsh, Don

**Subject:** RE: Water Quality Data from LADWP MONITORING Wells Sampled in December 2011

Jamey and Vahe –

This email confirms receipt of the following data files that you have forwarded us from LADWP:

- Production well sample results:
  - o August 2012 well data.xls
  - o September 2012 well data.xls
  - o October 2012 well data.xls
  - o November 2012 well data.xls
  - o December 2012 well data.xls
  - o January 2013 well data.xls
  - o February 2013 well data.xls
  - o March 2013 well data.xls
  - o April 2013 well data.xls
  - o July 2013 well data.xls
  - o August 2013 well data.xls
  - o September 2013.xls
- Monitoring well sample results:
  - o WQ data from LADWP monitoring wells\_sampled in December 2011.xlsx
  - o TJ-MW-09 analytical results

\*analytical results from production wells sampled in May and June 2013 have not been provided.

Note that AMEC has not received a response to our December 17, 2013 request for data from LADWP regarding monitoring wells recently installed in the NHOU area, including at least two wells installed south of the former Hewitt Pit area. Our request included data that would not need to be validated, including geologic and geophysical logs, well construction details, surveyed elevation and locations, and water level measurements. A map showing monitoring well locations was also requested.

I am reiterating our December 17, 2013 request for monitoring well data that do not require validation, and also request that analytical results from production wells sampled in May and June 2013 be provided.

Thank you,

**Michael Taraszki**

**Principal Hydrogeologist, PG, CHG, PMP**

**AMEC**

Environment & Infrastructure, Inc.

2101 Webster Street, 12th Floor, Oakland, CA 94612 USA

Direct (510) 663-3996, Mobile (510) 368-4549

[michael.taraszki@amec.com](mailto:michael.taraszki@amec.com)

[amec.com](http://amec.com)

---

**From:** Watt, Jamey [<mailto:Watt.Jamey@epa.gov>]

**Sent:** Monday, January 20, 2014 3:54 PM

**To:** Taraszki, Michael D; Walsh, Don; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)

**Cc:** [NCLite@otie.com](mailto:NCLite@otie.com); 'Dehghi, Benny'; Monteith, Carolyn S; Dabbaghian, Vahe

**Subject:** FW: Water Quality Data from LADWP MONITORING Wells Sampled in December 2011

Hello Michael, Don, and John.

Here is one email from LADWP with data that I don't think I have sent to you yet (since it came in after I left for the holidays).

Please let me know.

Jamey Watt  
Remedial Project Manager  
415-972-3175  
U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

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**From:** Dabbaghian, Vahe [<mailto:Vahe.Dabbaghian@WATER.LADWP.com>]  
**Sent:** Friday, December 20, 2013 3:03 PM  
**To:** Watt, Jamey  
**Cc:** 'John.Lindquist@CH2M.com'; 'andy.austin@e2.com'; 'NClite@otie.com'  
**Subject:** Water Quality Data from LADWP MONITORING Wells Sampled in December 2011  
Hi Jamey,  
Attached you will find water quality data from LADWP monitoring wells sampled in December 2011.  
Happy Holidays,  
Vahe Dabbaghian, P.E.  
Groundwater Remediation Group  
Los Angeles Department of Water & Power  
(213) 367-3543

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**From:** Dabbaghian, Vahe  
**Sent:** Wednesday, December 18, 2013 4:40 PM  
**To:** 'Watt.Jamey@epa.gov'  
**Cc:** 'John.Lindquist@CH2M.com'; 'andy.austin@e2.com'; 'NClite@otie.com'  
**Subject:** RE: Water Quality Data from LADWP Production Wells, January-April 2013  
Hi Jamey,  
Attached you will find water quality data from LADWP wellfields from May-September 2013.  
Regards,  
Vahe Dabbaghian, P.E.  
Groundwater Remediation Group  
Los Angeles Department of Water & Power  
(213) 367-3543

---

**From:** Dabbaghian, Vahe  
**Sent:** Thursday, December 12, 2013 10:55 AM  
**To:** 'Watt.Jamey@epa.gov'  
**Cc:** 'John.Lindquist@CH2M.com'; 'andy.austin@e2.com'; 'NClite@otie.com'  
**Subject:** Water Quality Data from LADWP Production Wells, January-April 2013  
Jamey,  
Attached you will find water quality data from LADWP wellfields from January-April 2013. I will send you the May-September 2013 data in a separate email (due to large file size).  
Thank you,  
Vahe Dabbaghian, P.E.  
Groundwater Remediation Group  
Los Angeles Department of Water & Power  
(213) 367-3543

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**From:** Dabbaghian, Vahe  
**Sent:** Thursday, December 12, 2013 10:46 AM  
**To:** [Watt.Jamey@epa.gov](mailto:Watt.Jamey@epa.gov)  
**Cc:** 'John.Lindquist@CH2M.com'; [andy.austin@e2.com](mailto:andy.austin@e2.com); [NClite@otie.com](mailto:NClite@otie.com)  
**Subject:** Water Quality Data from LADWP Production Wells, Aug-Dec 2012  
Hi Jamey,

Attached you will find water quality data from LADWP wellfields from August 2012 to December 2012. I will send you the 2013 data in a separate email.

Regards,

Vahe Dabbaghian, P.E.

Groundwater Remediation Group

Los Angeles Department of Water & Power

(213) 367-3543

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**From:** [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com) [<mailto:John.Lindquist@CH2M.com>]

**Sent:** Wednesday, December 04, 2013 4:28 PM

**To:** Dabbaghian, Vahe

**Cc:** [Watt.Jamey@epa.gov](mailto:Watt.Jamey@epa.gov); [andy.austin@e2.com](mailto:andy.austin@e2.com); [NClite@otie.com](mailto:NClite@otie.com)

**Subject:** RE: Water Quality Data from LADWP production wells, Aug 2012 to most recent

Hi Vahe;

Per our discussion yesterday, I am requesting (on behalf of EPA) LADWP's water quality data for production wells in the SFV, starting in August 2012 and extending through the most recent month you have data available. We currently have data through July 2012. Thank you!.

Regards,

John Lindquist

CH2M HILL

Senior Project Hydrogeologist

Work: 805-413-5813

Internal direct extension: 35813

Cell: 530.953.5805

Fax: 714.424.2017

[John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)

[www.CH2M.com](http://www.CH2M.com)

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**From:** Dabbaghian, Vahe [<mailto:Vahe.Dabbaghian@WATER.LADWP.com>]

**Sent:** Wednesday, September 19, 2012 4:14 PM

**To:** 'Matt Salazar'; '[Manheimer.Kelly@epamail.epa.gov](mailto:Manheimer.Kelly@epamail.epa.gov)'

**Cc:** Lindquist, John/RDD; '[andy.austin@e2.com](mailto:andy.austin@e2.com)'

**Subject:** RE: Water Quality Data from LADWP, from August 2011 to December 2011

Hi Matt/Kelly,

Attached you will find water quality data from LADWP wellfields from January 2012 to July 2012.

Regards,

**Vahe Dabbaghian, P.E.**

Groundwater Remediation Group

Los Angeles Department of Water & Power

111 North Hope Street, Room 1217

Los Angeles, CA 90012

(213) 367-3543

[vahe.dabbaghian@ladwp.com](mailto:vahe.dabbaghian@ladwp.com)

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**From:** Dabbaghian, Vahe <Vahe.Dabbaghian@WATER.LADWP.com>  
**Sent:** Monday, March 17, 2014 8:42 AM  
**To:** Watt, Jamey  
**Cc:** Jonny, Hadi; Nova Clite; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Moore, Lawrence@Waterboards; Shaffer, Caleb; Liu, Paul  
**Subject:** RE: request for further information regarding gw monitoring wells around Hewitt Pit

Hi Jamey,

In regards to your question below, the information in the two CD's that I hand delivered to you is not the same as the water quality data that I email you.

On March 11, 2014, I emailed you water quality data from LADWP production wells, including NHOU extraction wells. It did not include any monitoring wells data.

The two CD's that I gave you on March 7, 2014 summarizes analytical results from the groundwater sampling event conducted between October 2012 to June 2013, which include production and monitoring wells (FYI, this report was Task 4.1 of the Groundwater System Improvement Study).

I believe that I sent EPA all of the water quality data that we have.

Regards,

Vahe Dabbaghian, P.E.

Groundwater Remediation Group

Los Angeles Department of Water & Power

111 North Hope Street, Room 1217

Los Angeles, CA 90012

(213) 367-3543

[vahe.dabbaghian@ladwp.com](mailto:vahe.dabbaghian@ladwp.com)

---

**From:** Watt, Jamey [<mailto:Watt.Jamey@epa.gov>]

**Sent:** Friday, March 14, 2014 3:20 PM

**To:** [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite; Dabbaghian, Vahe; Jonny, Hadi

**Cc:** Moore, Lawrence@Waterboards; Shaffer, Caleb; Watt, Jamey

**Subject:** request for further information regarding gw monitoring wells around Hewitt Pit

**Nova and John:**

With some of the new data that is coming in from LADWP, can you please identify GW monitoring wells in the vicinity of Hewitt Pit and gw concentrations at these wells? Do we already have all of the data from HW's recent sampling events? AMEC's?

Is the "4.1 LADWP" data that Vahe provided on 2 CDs the same information as the Oct-Dec 2013 that he sent via email?

**Hadi and Vahe:**

Can you please let EPA know what additional data will be forthcoming from LADWP concerning the Hewitt Pit area issue?

Is the "4.1 LADWP" data that Vahe provided on 2 CDs the same information as the Oct-Dec 2013 that he sent via email?

Jamey Watt

Remedial Project Manager

415-972-3175

U.S. EPA, Region 9

Superfund Division, SFD-7-1

75 Hawthorne Street

San Francisco, CA 94105

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---

**From:** Watt, Jamey  
**Sent:** Friday, March 14, 2014 3:20 PM  
**To:** [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite; [vahe.dabbaghian@ladwp.com](mailto:vahe.dabbaghian@ladwp.com); [hadi.jonny@water.ladwp.com](mailto:hadi.jonny@water.ladwp.com)  
**Cc:** Moore, Lawrence@Waterboards; Shaffer, Caleb; Watt, Jamey  
**Subject:** request for further information regarding gw monitoring wells around Hewitt Pit

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With some of the new data that is coming in from LADWP, can you please identify GW monitoring wells in the vicinity of Hewitt Pit and gw concentrations at these wells? Do we already have all of the data from HW's recent sampling events? AMEC's?

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**Hadi and Vahe:**

Can you please let EPA know what additional data will be forthcoming from LADWP concerning the Hewitt Pit area issue?

Is the "4.1 LADWP" data that Vahe provided on 2 CDs the same information as the Oct-Dec 2013 that he sent via email?

Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

---

**From:** Watt, Jamey  
**Sent:** Friday, March 14, 2014 3:20 PM  
**To:** [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite; [vahe.dabbaghian@ladwp.com](mailto:vahe.dabbaghian@ladwp.com); [hadi.jonny@water.ladwp.com](mailto:hadi.jonny@water.ladwp.com)  
**Cc:** Moore, Lawrence@Waterboards; Shaffer, Caleb; Watt, Jamey  
**Subject:** request for further information regarding gw monitoring wells around Hewitt Pit

**Nova and John:**

With some of the new data that is coming in from LADWP, can you please identify GW monitoring wells in the vicinity of Hewitt Pit and gw concentrations at these wells? Do we already have all of the data from HW's recent sampling events? AMEC's?

Is the "4.1 LADWP" data that Vahe provided on 2 CDs the same information as the Oct-Dec 2013 that he sent via email?

**Hadi and Vahe:**

Can you please let EPA know what additional data will be forthcoming from LADWP concerning the Hewitt Pit area issue?

Is the "4.1 LADWP" data that Vahe provided on 2 CDs the same information as the Oct-Dec 2013 that he sent via email?

Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

---

**From:** Taraszki, Michael D <[Michael.Taraszki@amec.com](mailto:Michael.Taraszki@amec.com)>  
**Sent:** Thursday, February 06, 2014 5:20 PM  
**To:** Watt, Jamey  
**Subject:** RE: NHOU data questions needing discussion

Jamey,

I have a few points to make (nothing new, really) but before I respond, I want to ask how you foresee my conveying information conveyed in these emails (either directly – i.e., forwarding the email – or indirectly) to Honeywell and Lockheed Martin. I need to be cognizant of my role and don't want to get into a position where my clients feel that I may not be keeping them informed.

I look forward to supporting discussions such as these and appreciate your understanding regarding the sensitivity (perceived or real) regarding such communications.

Thank you,

**Michael Taraszki**  
**Principal Hydrogeologist, PG, CHG, PMP**  
**AMEC**

Environment & Infrastructure, Inc.  
2101 Webster Street, 12th Floor, Oakland, CA 94612 USA  
Direct (510) 663-3996, Mobile (510) 368-4549  
[michael.taraszki@amec.com](mailto:michael.taraszki@amec.com)  
[amec.com](http://amec.com)

---

**From:** Watt, Jamey [<mailto:Watt.Jamey@epa.gov>]  
**Sent:** Thursday, February 06, 2014 9:39 AM  
**To:** [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Taraszki, Michael D  
**Cc:** Shaffer, Caleb; [NClite@otie.com](mailto:NClite@otie.com)  
**Subject:** RE: NHOU data questions needing discussion

Thanks John for all of the details.

Mike, do you want to respond and/or clarify? Also Mike, if you want, you could propose a draft list of “action items” for the group to consider in terms of additional data information that is needed from LADWP. We can discuss further from there.

Jamey Watt  
Remedial Project Manager  
415-972-3175  
U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

---

**From:** [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com) [<mailto:John.Lindquist@CH2M.com>]  
**Sent:** Thursday, February 06, 2014 9:19 AM  
**To:** Watt, Jamey; [Michael.Taraszki@amec.com](mailto:Michael.Taraszki@amec.com)  
**Cc:** Shaffer, Caleb; [NClite@otie.com](mailto:NClite@otie.com)  
**Subject:** RE: NHOU data questions needing discussion

Hi Jamey and Mike;

I've provided some preliminary input below (following Jamey's questions), based on my past experience working on the site, as well as review of the recent data provided by LADWP. Perhaps the best next step would be for Mike and I to

discuss some of the details of where he would like more data, prioritize further data needs, and talk about what additional data might be available from LADWP (or other sources).

John

---

**From:** Watt, Jamey [<mailto:Watt.Jamey@epa.gov>]

**Sent:** Wednesday, February 05, 2014 5:25 PM

**To:** Taraszki, Michael D; [NClite@otie.com](mailto:NClite@otie.com); Lindquist, John/THO

**Cc:** Watt, Jamey; Shaffer, Caleb

**Subject:** NHOU data questions needing discussion

Hello Nova, John and Mike.

I wanted to take a minute to initiate a discussion between this group on questions concerning data available from LADWP. Mike, you (AMEC) have raised these issues with me during our weekly update calls. I wanted to bring into the discussion John and Nova since they may be able to provide greater insight into these discussions and help us build consensus on what to push for in terms of data requests to LADWP.

**1,4-dioxane data:** John and Nova, can you speak to the availability/unavailability of this data? **[JCL]** I admit that I don't have a copy of LADWP's sampling schedule, but looking back at the data they provided recently, there are 1,4-dioxane data for a number of their monitoring and production wells, and also the NHOU extraction (aeration) wells. But it is apparent that they don't sample all of their wells for 1,4-dioxane every month. We might be able to ask LADWP for their sampling schedule, but my recollection is that such a schedule (if one exists) is highly dependent on which wells are operating. In other words, it may be somewhat vague ("collect a sample from well NH-24 once per year, if operated" versus something specific like "collect samples from NH-18, -24, and -56 on the third Monday of January and June each year"). LADWP's sampling schedule is not driven by EPA, but by CDPH. It's an entirely different sampling regimen. If EPA or PRPs want LADWP to sample wells or analytes on a different schedule, I suspect LADWP will ask for reimbursement. Where do we have it? **[JCL]** In the broad sense, 1,4-dioxane data are available for LADWP production wells, LADWP monitoring wells, NHOU extraction wells, and facility monitoring wells. But not necessarily every month or sampling event. If it would be helpful for RD, perhaps we could request LADWP send us their sampling schedules, and compile that information along with sampling schedules for PRP facility monitoring wells into a master table. Incidentally, LADWP's July 2013 data (just received last month) indicates a whopping 35.9 µg/L concentration of 1,4-dioxane detection at their new monitoring well NH-MW-06, Zone 1 (shallow), located just east of the North Hollywood West Branch well field. That is consistent with a detection of 1,4-dioxane south of Hewitt Pit detected in one of the new "RI" monitoring wells constructed by Honeywell a couple of years ago.

Where do we not have it? **[JCL]** I don't believe there is an entire group/class of wells in the NHOU area that has no 1,4-dioxane data, except maybe some wells that haven't been sampled in a long time. 1,4-dioxane is not cheap to analyze for, so unless there is a good reason to include it (an order to do so, or a history of detections), it won't automatically be included with VOC analysis.

Mike indicates that he hasn't seen much of this data and is wondering if we should reach out to CDPH? **[JCL]** It appears to me that LADWP is including results from all of the 1,4-dioxane analyses they are conducting, in those Excel data tables Vahe sends us. Is this a question of whether LADWP is holding back some data, or whether they should be sampling for 1,4-dioxane more frequently at a larger number of wells? If CDPH isn't requiring more frequent or wider 1,4-dioxane sampling/analysis, and we want more 1,4-dioxane samples from their wells, then LADWP is likely going to ask "who will pay?"

**Data waiting on confirmation/validation:** LADWP has indicated that validated data will be available at the end of March or sooner. I'm still not clear on where this data was collected and it's intended use on NHOU activities.

**[JCL]** My understanding is that these data are from LADWP's new "GSIS" monitoring wells (explained below) that were constructed around the North Hollywood, Tujunga, and Rinaldi-Toluca production well fields. Some of these wells (5 to 9) are in locations that could provide useful data for NHOU RD. In fact, 4 of these wells are at locations where the NHOU FFS had assumed monitoring wells would be required to fill data gaps required for RD of the Second Interim Remedy. However, some of those locations were adjusted, or the PRPs argued they were not necessary at the time. We should ask LADWP for a map of their proposed and existing GSIS well locations. I have a hard copy of a draft map they produced several years ago, but that is likely out of date.

Is it going to help us design a better NHOU RD? or is the predominant use going to be focused on additional PRP searches?

[JCL] Mike may feel differently, but under the current Honeywell proposal to exclude the western plume, it is difficult for me to see how data from these wells will have a direct impact on design of the Second Interim Remedy. They will provide useful information about COC plume extents to the west and far north, but it seems to me that those areas will only be marginally and incidentally affected by the Second Interim Remedy, if it continues evolving in its current direction. However, if the new and significant contamination found in the western area south of Hewitt Landfill is included in the Second Interim Remedy, then data from new LADWP well NH-MW-06 could be important. Interestingly, data for that well and at least one other North Hollywood GSIS well appears to be included in the Excel data tables provided by Vahe.

What is the GSIS and what is its role in NHOU-related activities? **[JCL]** GSIS = Groundwater System Improvement Study-- 26 monitoring wells planned in the eastern SFV to characterize basin groundwater quality and to help LADWP design treatment facilities for water produced by their production wells. Some of these wells are located in the vicinity of the NHOU, others are located farther north and west, and would have little impact on RD of the NHOU Second Interim Remedy. Here is a link to LADWP's informational Web site about the GSIS:  
[https://ladwp.com/ladwp/faces/ladwp/aboutus/a-water/a-w-project/a-w-p-gsiswells.jsessionid=RzPNSz1B4NKn91yhpdG1qvhmnmvMNNydNwNPGYH0YTT6k1qyQYpt!1005915359?\\_afdf.ctrl-state=4undqcutx\\_4&pact\\_id=1009733&\\_afdfLoop=39754329026787&\\_afdfWindowMode=0&\\_afdfWindowId=null#%40%3F\\_afdfWindowId%3Dnull%26\\_afdfLoop%3D39754329026787%26pact\\_id%3D1009733%26\\_afdfWindowMode%3D0%26\\_afdf.ctrl-state%3Dzrmkrm83u\\_4](https://ladwp.com/ladwp/faces/ladwp/aboutus/a-water/a-w-project/a-w-p-gsiswells.jsessionid=RzPNSz1B4NKn91yhpdG1qvhmnmvMNNydNwNPGYH0YTT6k1qyQYpt!1005915359?_afdf.ctrl-state=4undqcutx_4&pact_id=1009733&_afdfLoop=39754329026787&_afdfWindowMode=0&_afdfWindowId=null#%40%3F_afdfWindowId%3Dnull%26_afdfLoop%3D39754329026787%26pact_id%3D1009733%26_afdfWindowMode%3D0%26_afdf.ctrl-state%3Dzrmkrm83u_4)

[JCL]  
**Geologic log data:** Of what Vahe provided last week, was it helpful (the geophysical logs)? How much more details are needed? (I understand the need for a well location map, but what about the other requests?) **[JCL]** For a few of the GSIS wells constructed near the NHOU, the geophysical logs provided by LADWP would be very helpful for AMEC's data gaps investigation. And it would be equally helpful to have the locations for those wells, along with the lithologic logs. In the longer term, it would be nice to include geophysical and lithologic data for all of LADWP's new GSIS wells into the SFV database. However, addition of geophysical and lithologic data for new wells to the SFV database has **not** been performed throughout the past, for budgetary reasons. Recall that the focus of the database is groundwater quality. It might be acceptable to just let the ULARA Watermaster be the keeper of geophysical/lithologic data, since they have recently made a significant effort to collect and interpret such data.

Would this same request change in the future once the validated data (above) is received? **[JCL]** I don't think so. Mike, feel free to clarify or add additional concerns/issues. John and Nova, thanks in advance for helping us keep all of this straight and prioritized.

Sincerely,  
Jamey Watt  
Remedial Project Manager  
415-972-3175  
U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

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**From:** [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)  
**Sent:** Thursday, February 06, 2014 9:19 AM  
**To:** Watt, Jamey; [Michael.Taraszki@amec.com](mailto:Michael.Taraszki@amec.com)  
**Cc:** Shaffer, Caleb; [NClite@otie.com](mailto:NClite@otie.com)  
**Subject:** RE: NHOU data questions needing discussion

Hi Jamey and Mike;

I've provided some preliminary input below (following Jamey's questions), based on my past experience working on the site, as well as review of the recent data provided by LADWP. Perhaps the best next step would be for Mike and I to discuss some of the details of where he would like more data, prioritize further data needs, and talk about what additional data might be available from LADWP (or other sources).

John

---

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**Sent:** Wednesday, February 05, 2014 5:25 PM  
**To:** Taraszki, Michael D; [NClite@otie.com](mailto:NClite@otie.com); Lindquist, John/THO  
**Cc:** Watt, Jamey; Shaffer, Caleb  
**Subject:** NHOU data questions needing discussion

Hello Nova, John and Mike.

I wanted to take a minute to initiate a discussion between this group on questions concerning data available from LADWP. Mike, you (AMEC) have raised these issues with me during our weekly update calls. I wanted to bring into the discussion John and Nova since they may be able to provide greater insight into these discussions and help us build consensus on what to push for in terms of data requests to LADWP.

**1,4-dioxane data:** John and Nova, can you speak to the availability/unavailability of this data? **[JCL]** I admit that I don't have a copy of LADWP's sampling schedule, but looking back at the data they provided recently, there are 1,4-dioxane data for a number of their monitoring and production wells, and also the NHOU extraction (aeration) wells. But it is apparent that they don't sample all of their wells for 1,4-dioxane every month. We might be able to ask LADWP for their sampling schedule, but my recollection is that such a schedule (if one exists) is highly dependent on which wells are operating. In other words, it may be somewhat vague ("collect a sample from well NH-24 once per year, if operated" versus something specific like "collect samples from NH-18, -24, and -56 on the third Monday of January and June each year"). LADWP's sampling schedule is not driven by EPA, but by CDPH. It's an entirely different sampling regimen. If EPA or PRPs want LADWP to sample wells or analytes on a different schedule, I suspect LADWP will ask for reimbursement.

Where do we have it? **[JCL]** In the broad sense, 1,4-dioxane data are available for LADWP production wells, LADWP monitoring wells, NHOU extraction wells, and facility monitoring wells. But not necessarily every month or sampling event. If it would be helpful for RD, perhaps we could request LADWP send us their sampling schedules, and compile that information along with sampling schedules for PRP facility monitoring wells into a master table. Incidentally, LADWP's July 2013 data (just received last month) indicates a whopping 35.9 µg/L concentration of 1,4-dioxane detection at their new monitoring well NH-MW-06, Zone 1 (shallow), located just east of the North Hollywood West Branch well field. That is consistent with a detection of 1,4-dioxane south of Hewitt Pit detected in one of the new "RI" monitoring wells constructed by Honeywell a couple of years ago.

Where do we not have it? **[JCL]** I don't believe there is an entire group/class of wells in the NHOU area that has no 1,4-dioxane data, except maybe some wells that haven't been sampled in a long time. 1,4-dioxane is not cheap to analyze

for, so unless there is a good reason to include it (an order to do so, or a history of detections), it won't automatically be included with VOC analysis.

Mike indicates that he hasn't seen much of this data and is wondering if we should reach out to CDPH? **[JCL]** It appears to me that LADWP is including results from all of the 1,4-dioxane analyses they are conducting, in those Excel data tables Vahe sends us. Is this a question of whether LADWP is holding back some data, or whether they should be sampling for 1,4-dioxane more frequently at a larger number of wells? If CDPH isn't requiring more frequent or wider 1,4-dioxane sampling/analysis, and we want more 1,4-dioxane samples from their wells, then LADWP is likely going to ask "who will pay?"

**Data waiting on confirmation/validation:** LADWP has indicated that validated data will be available at the end of March or sooner. I'm still not clear on where this data was collected and it's intended use on NHOU activities.

**[JCL]** My understanding is that these data are from LADWP's new "GSIS" monitoring wells (explained below) that were constructed around the North Hollywood, Tujunga, and Rinaldi-Toluca production well fields. Some of these wells (5 to 9) are in locations that could provide useful data for NHOU RD. In fact, 4 of these wells are at locations where the NHOU FFS had assumed monitoring wells would be required to fill data gaps required for RD of the Second Interim Remedy. However, some of those locations were adjusted, or the PRPs argued they were not necessary at the time. We should ask LADWP for a map of their proposed and existing GSIS well locations. I have a hard copy of a draft map they produced several years ago, but that is likely out of date.

Is it going to help us design a better NHOU RD? or is the predominant use going to be focused on additional PRP searches?

**[JCL]** Mike may feel differently, but under the current Honeywell proposal to exclude the western plume, it is difficult for me to see how data from these wells will have a direct impact on design of the Second Interim Remedy. They will provide useful information about COC plume extents to the west and far north, but it seems to me that those areas will only be marginally and incidentally affected by the Second Interim Remedy, if it continues evolving in its current direction. However, if the new and significant contamination found in the western area south of Hewitt Landfill is included in the Second Interim Remedy, then data from new LADWP well NH-MW-06 could be important. Interestingly, data for that well and at least one other North Hollywood GSIS well appears to be included in the Excel data tables provided by Vahe.

What is the GSIS and what is its role in NHOU-related activities? **[JCL]** GSIS = Groundwater System Improvement Study-- 26 monitoring wells planned in the eastern SFV to characterize basin groundwater quality and to help LADWP design treatment facilities for water produced by their production wells. Some of these wells are located in the vicinity of the NHOU, others are located farther north and west, and would have little impact on RD of the NHOU Second Interim Remedy. Here is a link to LADWP's informational Web site about the GSIS:

[https://ladwp.com/ladwp/faces/ladwp/aboutus/a-water/a-w-project/a-w-p-gsiswells;jsessionid=RzPNSz1B4NKn91yhpdG1qvhmnvMNnydNwNPGYH0YTT6k1qyQYpt!1005915359?\\_afdf.ctrl-state=4undqcutx\\_4&pact\\_id=1009733&\\_afdfLoop=39754329026787&\\_afdfWindowMode=0&\\_afdfWindowId=null#%40%3F\\_afdfWindowId%3Dnull%26\\_afdfLoop%3D39754329026787%26pact\\_id%3D1009733%26\\_afdfWindowMode%3D0%26\\_afdf.ctrl-state%3Dzrmkrm83u\\_4](https://ladwp.com/ladwp/faces/ladwp/aboutus/a-water/a-w-project/a-w-p-gsiswells;jsessionid=RzPNSz1B4NKn91yhpdG1qvhmnvMNnydNwNPGYH0YTT6k1qyQYpt!1005915359?_afdf.ctrl-state=4undqcutx_4&pact_id=1009733&_afdfLoop=39754329026787&_afdfWindowMode=0&_afdfWindowId=null#%40%3F_afdfWindowId%3Dnull%26_afdfLoop%3D39754329026787%26pact_id%3D1009733%26_afdfWindowMode%3D0%26_afdf.ctrl-state%3Dzrmkrm83u_4)

**[JCL]**

**Geologic log data:** Of what Vahe provided last week, was it helpful (the geophysical logs)? How much more details are needed? (I understand the need for a well location map, but what about the other requests?) **[JCL]** For a few of the GSIS wells constructed near the NHOU, the geophysical logs provided by LADWP would be very helpful for AMEC's data gaps investigation. And it would be equally helpful to have the locations for those wells, along with the lithologic logs. In the longer term, it would be nice to include geophysical and lithologic data for all of LADWP's new GSIS wells into the SFV database. However, addition of geophysical and lithologic data for new wells to the SFV database has **not** been performed throughout the past, for budgetary reasons. Recall that the focus of the database is groundwater quality. It might be acceptable to just let the ULARA Watermaster be the keeper of geophysical/lithologic data, since they have recently made a significant effort to collect and interpret such data.

Would this same request change in the future once the validated data (above) is received?[\[JCL\]](#) I don't think so.

Mike, feel free to clarify or add additional concerns/issues. John and Nova, thanks in advance for helping us keep all of this straight and prioritized.

Sincerely,

Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105



---

**From:** Dabbaghian, Vahe <Vahe.Dabbaghian@WATER.LADWP.com>  
**Sent:** Friday, January 31, 2014 10:15 AM  
**To:** 'Taraszki, Michael D'  
**Cc:** Watt, Jamey; 'John.Lindquist@CH2M.com'; 'Nova Clite'  
**Subject:** RE: Well Construction Data for NH-MW-05

Correction: Subject title for my email below should have been “Geophysical Borehole Log for Monitoring Well NH-MW-05”

---

**From:** Dabbaghian, Vahe  
**Sent:** Friday, January 31, 2014 9:58 AM  
**To:** 'Taraszki, Michael D'  
**Cc:** 'Watt, Jamey'; 'John.Lindquist@CH2M.com'; 'Nova Clite'  
**Subject:** Well Construction Data for NH-MW-05

Hello Michael,

Attached you will find the geophysical borehole log for Monitoring Well NH-MW-05.

I will send you other requested data in separate emails, due to large file size.

Regards,

Vahe

---

**From:** Dabbaghian, Vahe  
**Sent:** Thursday, January 30, 2014 4:23 PM  
**To:** 'Watt, Jamey'  
**Cc:** Taraszki, Michael D; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite  
**Subject:** RE: data requests b/n LADWP and AMEC  
AMEC will receive data for the following new monitoring wells tomorrow:

- NH-MW-05
- NH-MW-06
- RT-MW-01
- RT-MW-10

Regards,

Vahe Dabbaghian, P.E.

Groundwater Remediation Group

Los Angeles Department of Water & Power

(213) 367-3543

---

**From:** Watt, Jamey [<mailto:Watt.Jamey@epa.gov>]  
**Sent:** Thursday, January 30, 2014 4:03 PM  
**To:** Dabbaghian, Vahe  
**Cc:** Taraszki, Michael D; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite  
**Subject:** data requests b/n LADWP and AMEC

Hi Vahe.

I hope you are well. Thanks for the note. I resent the May / June 2013 files to Mike T. My fault - Sorry about that.

Also, what are your thoughts on Mike's other request? Is that something that LADWP can assist with – providing at least the information that doesn't need to be validated like well logs, etc?

*Note that AMEC has not received a response to our December 17, 2013 request for data from LADWP regarding monitoring wells recently installed in the NHOU area, including at least two wells installed south of the former Hewitt Pit area. Our request included data that would not need to be validated,*

*including geologic and geophysical logs, well construction details, surveyed elevation and locations, and water level measurements. A map showing monitoring well locations was also requested.*

Jamey Watt  
Remedial Project Manager  
415-972-3175  
U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

---

**From:** Dabbaghian, Vahe [<mailto:Vahe.Dabbaghian@WATER.LADWP.com>]

**Sent:** Wednesday, January 29, 2014 4:23 PM

**To:** Watt, Jamey

**Subject:** RE: Water Quality Data from LADWP MONITORING Wells Sampled in December 2011

Hi Jamey,

In attached email, I sent you the water quality data for May 2013 and June 2013. You may have inadvertently left them out when forwarding to Mike Taraszki.

Regards,

Vahe Dabbaghian, P.E.  
Groundwater Remediation Group  
Los Angeles Department of Water & Power  
(213) 367-3543

---

**From:** Taraszki, Michael D [<mailto:Michael.Taraszki@amec.com>]

**Sent:** Wednesday, January 22, 2014 8:08 PM

**To:** Watt, Jamey; Dabbaghian, Vahe

**Cc:** [NCLite@otie.com](mailto:NCLite@otie.com); 'Dehghi, Benny'; Monteith, Carolyn S; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Walsh, Don

**Subject:** RE: Water Quality Data from LADWP MONITORING Wells Sampled in December 2011

Jamey and Vahe –

This email confirms receipt of the following data files that you have forwarded us from LADWP:

- Production well sample results:
  - o August 2012 well data.xls
  - o September 2012 well data.xls
  - o October 2012 well data.xls
  - o November 2012 well data.xls
  - o December 2012 well data.xls
  - o January 2013 well data.xls
  - o February 2013 well data.xls
  - o March 2013 well data.xls
  - o April 2013 well data.xls
  - o July 2013 well data.xls
  - o August 2013 well data.xls
  - o September 2013.xls
- Monitoring well sample results:
  - o WQ data from LADWP monitoring wells\_sampled in December 2011.xlsx
  - o TJ-MW-09 analytical results

\*analytical results from production wells sampled in May and June 2013 have not been provided.

Note that AMEC has not received a response to our December 17, 2013 request for data from LADWP regarding monitoring wells recently installed in the NHOA area, including at least two wells installed south of the former Hewitt Pit area. Our request included data that would not need to be validated, including geologic and geophysical logs, well construction details, surveyed elevation and locations, and water level measurements. A map showing monitoring well locations was also requested.

I am reiterating our December 17, 2013 request for monitoring well data that do not require validation, and also request that analytical results from production wells sampled in May and June 2013 be provided.

Thank you,

**Michael Taraszki**

**Principal Hydrogeologist, PG, CHG, PMP**

**AMEC**

Environment & Infrastructure, Inc.

2101 Webster Street, 12th Floor, Oakland, CA 94612 USA

Direct (510) 663-3996, Mobile (510) 368-4549

[michael.taraszki@amec.com](mailto:michael.taraszki@amec.com)

[amec.com](http://amec.com)

---

**From:** Watt, Jamey [<mailto:Watt.Jamey@epa.gov>]

**Sent:** Monday, January 20, 2014 3:54 PM

**To:** Taraszki, Michael D; Walsh, Don; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)

**Cc:** [NClite@otie.com](mailto:NClite@otie.com); 'Dehghi, Benny'; Monteith, Carolyn S; Dabbaghian, Vahe

**Subject:** FW: Water Quality Data from LADWP MONITORING Wells Sampled in December 2011

Hello Michael, Don, and John.

Here is one email from LADWP with data that I don't think I have sent to you yet (since it came in after I left for the holidays).

Please let me know.

Jamey Watt

Remedial Project Manager

415-972-3175

U.S. EPA, Region 9

Superfund Division, SFD-7-1

75 Hawthorne Street

San Francisco, CA 94105

---

**From:** Dabbaghian, Vahe [<mailto:Vahe.Dabbaghian@WATER.LADWP.com>]

**Sent:** Friday, December 20, 2013 3:03 PM

**To:** Watt, Jamey

**Cc:** '[John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)'; '[andy.austin@e2.com](mailto:andy.austin@e2.com)'; '[NClite@otie.com](mailto:NClite@otie.com)'

**Subject:** Water Quality Data from LADWP MONITORING Wells Sampled in December 2011

Hi Jamey,

Attached you will find water quality data from LADWP monitoring wells sampled in December 2011.

Happy Holidays,

Vahe Dabbaghian, P.E.

Groundwater Remediation Group

Los Angeles Department of Water & Power

(213) 367-3543

---

**From:** Dabbaghian, Vahe

**Sent:** Wednesday, December 18, 2013 4:40 PM

**To:** '[Watt.Jamey@epa.gov](mailto:Watt.Jamey@epa.gov)'

**Cc:** '[John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)'; '[andy.austin@e2.com](mailto:andy.austin@e2.com)'; '[NClite@otie.com](mailto:NClite@otie.com)'

**Subject:** RE: Water Quality Data from LADWP Production Wells, January-April 2013

Hi Jamey,

Attached you will find water quality data from LADWP wellfields from May-September 2013.

Regards,

Vahe Dabbaghian, P.E.

Groundwater Remediation Group

Los Angeles Department of Water & Power

(213) 367-3543

---

**From:** Dabbaghian, Vahe

**Sent:** Thursday, December 12, 2013 10:55 AM

**To:** 'Watt.Jamey@epa.gov'

**Cc:** 'John.Lindquist@CH2M.com'; 'andy.austin@e2.com'; 'NClite@otie.com'

**Subject:** Water Quality Data from LADWP Production Wells, January-April 2013

Jamey,

Attached you will find water quality data from LADWP wellfields from January-April 2013. I will send you the May-September 2013 data in a separate email (due to large file size).

Thank you,

Vahe Dabbaghian, P.E.

Groundwater Remediation Group

Los Angeles Department of Water & Power

(213) 367-3543

---

**From:** Dabbaghian, Vahe

**Sent:** Thursday, December 12, 2013 10:46 AM

**To:** [Watt.Jamey@epa.gov](mailto:Watt.Jamey@epa.gov)

**Cc:** 'John.Lindquist@CH2M.com'; [andy.austin@e2.com](mailto:andy.austin@e2.com); [NClite@otie.com](mailto:NClite@otie.com)

**Subject:** Water Quality Data from LADWP Production Wells, Aug-Dec 2012

Hi Jamey,

Attached you will find water quality data from LADWP wellfields from August 2012 to December 2012. I will send you the 2013 data in a separate email.

Regards,

Vahe Dabbaghian, P.E.

Groundwater Remediation Group

Los Angeles Department of Water & Power

(213) 367-3543

---

**From:** [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com) [<mailto:John.Lindquist@CH2M.com>]

**Sent:** Wednesday, December 04, 2013 4:28 PM

**To:** Dabbaghian, Vahe

**Cc:** [Watt.Jamey@epa.gov](mailto:Watt.Jamey@epa.gov); [andy.austin@e2.com](mailto:andy.austin@e2.com); [NClite@otie.com](mailto:NClite@otie.com)

**Subject:** RE: Water Quality Data from LADWP production wells, Aug 2012 to most recent

Hi Vahe;

Per our discussion yesterday, I am requesting (on behalf of EPA) LADWP's water quality data for production wells in the SFV, starting in August 2012 and extending through the most recent month you have data available. We currently have data through July 2012. Thank you!.

Regards,

John Lindquist

CH2M HILL

Senior Project Hydrogeologist

Work: 805-413-5813

Internal direct extension: 35813

Cell: 530.953.5805

Fax: 714.424.2017

[John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)

[www.CH2M.com](http://www.CH2M.com)

---

**From:** Dabbaghian, Vahe [<mailto:Vahe.Dabbaghian@WATER.LADWP.com>]

**Sent:** Wednesday, September 19, 2012 4:14 PM

**To:** 'Matt Salazar'; 'Manheimer.Kelly@epamail.epa.gov'

**Cc:** Lindquist, John/RDD; 'andy.austin@e2.com'

**Subject:** RE: Water Quality Data from LADWP, from August 2011 to December 2011

Hi Matt/Kelly,

Attached you will find water quality data from LADWP wellfields from January 2012 to July 2012.

Regards,

**Vahe Dabbaghian, P.E.**

Groundwater Remediation Group

Los Angeles Department of Water & Power

111 North Hope Street, Room 1217

Los Angeles, CA 90012

(213) 367-3543

[vahe.dabbaghian@ladwp.com](mailto:vahe.dabbaghian@ladwp.com)

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---

**From:** Dabbaghian, Vahe <Vahe.Dabbaghian@WATER.LADWP.com>  
**Sent:** Friday, January 31, 2014 10:11 AM  
**To:** 'Taraszki, Michael D'  
**Cc:** Watt, Jamey; 'John.Lindquist@CH2M.com'; 'Nova Clite'  
**Subject:** Geophysical Borehole Log for Monitoring Well RT-MW-10  
**Attachments:** 17565cal.pdf; 17565DEV.pdf; 17565elog.pdf; 17565II3.pdf; 17565SNC.pdf; 17565spgr.pdf

Michael,  
Attached you will find the geophysical borehole log for Monitoring Well RT-MW-10.  
You now have the logs for the four monitoring wells that AMEC requested.  
Regards,  
Vahe

---

**From:** Dabbaghian, Vahe  
**Sent:** Thursday, January 30, 2014 4:23 PM  
**To:** 'Watt, Jamey'  
**Cc:** Taraszki, Michael D; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite  
**Subject:** RE: data requests b/n LADWP and AMEC  
AMEC will receive data for the following new monitoring wells tomorrow:

- NH-MW-05
- NH-MW-06
- RT-MW-01
- RT-MW-10

Regards,  
Vahe Dabbaghian, P.E.  
Groundwater Remediation Group  
Los Angeles Department of Water & Power  
(213) 367-3543

---

**From:** Watt, Jamey [<mailto:Watt.Jamey@epa.gov>]  
**Sent:** Thursday, January 30, 2014 4:03 PM  
**To:** Dabbaghian, Vahe  
**Cc:** Taraszki, Michael D; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite  
**Subject:** data requests b/n LADWP and AMEC  
Hi Vahe.

I hope you are well. Thanks for the note. I resent the May / June 2013 files to Mike T. My fault - Sorry about that.

Also, what are your thoughts on Mike's other request? Is that something that LADWP can assist with – providing at least the information that doesn't need to be validated like well logs, etc?

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Jamey Watt  
Remedial Project Manager  
415-972-3175  
U.S. EPA, Region 9

Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

---

**From:** Dabbaghian, Vahe [<mailto:Vahe.Dabbaghian@WATER.LADWP.com>]

**Sent:** Wednesday, January 29, 2014 4:23 PM

**To:** Watt, Jamey

**Subject:** RE: Water Quality Data from LADWP MONITORING Wells Sampled in December 2011

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Regards,

Vahe Dabbaghian, P.E.

Groundwater Remediation Group

Los Angeles Department of Water & Power

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**From:** Taraszki, Michael D [<mailto:Michael.Taraszki@amec.com>]

**Sent:** Wednesday, January 22, 2014 8:08 PM

**To:** Watt, Jamey; Dabbaghian, Vahe

**Cc:** [NCLite@otie.com](mailto:NCLite@otie.com); 'Dehghi, Benny'; Monteith, Carolyn S; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Walsh, Don

**Subject:** RE: Water Quality Data from LADWP MONITORING Wells Sampled in December 2011

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- o October 2012 well data.xls
- o November 2012 well data.xls
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- o April 2013 well data.xls
- o July 2013 well data.xls
- o August 2013 well data.xls
- o September 2013.xls

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Thank you,

**Michael Taraszki**

**Principal Hydrogeologist, PG, CHG, PMP**

**AMEC**



Environment & Infrastructure, Inc.  
2101 Webster Street, 12th Floor, Oakland, CA 94612 USA  
Direct (510) 663-3996, Mobile (510) 368-4549  
[michael.taraszki@amec.com](mailto:michael.taraszki@amec.com)  
[amec.com](http://amec.com)

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**Cc:** [NClite@otie.com](mailto:NClite@otie.com); 'Dehghi, Benny'; Monteith, Carolyn S; Dabbaghian, Vahe

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Remedial Project Manager

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U.S. EPA, Region 9

Superfund Division, SFD-7-1

75 Hawthorne Street

San Francisco, CA 94105

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**Sent:** Friday, December 20, 2013 3:03 PM

**To:** Watt, Jamey

**Cc:** '[John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)'; '[andy.austin@e2.com](mailto:andy.austin@e2.com)'; '[NClite@otie.com](mailto:NClite@otie.com)'

**Subject:** Water Quality Data from LADWP MONITORING Wells Sampled in December 2011

Hi Jamey,

Attached you will find water quality data from LADWP monitoring wells sampled in December 2011.

Happy Holidays,

Vahe Dabbaghian, P.E.

Groundwater Remediation Group

Los Angeles Department of Water & Power

(213) 367-3543

---

**From:** Dabbaghian, Vahe

**Sent:** Wednesday, December 18, 2013 4:40 PM

**To:** '[Watt.Jamey@epa.gov](mailto:Watt.Jamey@epa.gov)'

**Cc:** '[John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)'; '[andy.austin@e2.com](mailto:andy.austin@e2.com)'; '[NClite@otie.com](mailto:NClite@otie.com)'

**Subject:** RE: Water Quality Data from LADWP Production Wells, January-April 2013

Hi Jamey,

Attached you will find water quality data from LADWP wellfields from May-September 2013.

Regards,

Vahe Dabbaghian, P.E.

Groundwater Remediation Group

Los Angeles Department of Water & Power

(213) 367-3543

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**From:** Dabbaghian, Vahe

**Sent:** Thursday, December 12, 2013 10:55 AM

**To:** '[Watt.Jamey@epa.gov](mailto:Watt.Jamey@epa.gov)'

**Cc:** '[John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)'; '[andy.austin@e2.com](mailto:andy.austin@e2.com)'; '[NClite@otie.com](mailto:NClite@otie.com)'

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**Subject:** Water Quality Data from LADWP Production Wells, Aug-Dec 2012

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Attached you will find water quality data from LADWP wellfields from August 2012 to December 2012. I will send you the 2013 data in a separate email.

Regards,

Vahe Dabbaghian, P.E.

Groundwater Remediation Group

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(213) 367-3543

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**From:** [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com) [<mailto:John.Lindquist@CH2M.com>]

**Sent:** Wednesday, December 04, 2013 4:28 PM

**To:** Dabbaghian, Vahe

**Cc:** [Watt.Jamey@epa.gov](mailto:Watt.Jamey@epa.gov); [andy.austin@e2.com](mailto:andy.austin@e2.com); [NClite@otie.com](mailto:NClite@otie.com)

**Subject:** RE: Water Quality Data from LADWP production wells, Aug 2012 to most recent

Hi Vahe;

Per our discussion yesterday, I am requesting (on behalf of EPA) LADWP's water quality data for production wells in the SFV, starting in August 2012 and extending through the most recent month you have data available. We currently have data through July 2012. Thank you!

Regards,

John Lindquist

CH2M HILL

Senior Project Hydrogeologist

Work: 805-413-5813

Internal direct extension: 35813

Cell: 530.953.5805

Fax: 714.424.2017

[John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)

[www.CH2M.com](http://www.CH2M.com)

---

**From:** Dabbaghian, Vahe [<mailto:Vahe.Dabbaghian@WATER.LADWP.com>]

**Sent:** Wednesday, September 19, 2012 4:14 PM

**To:** 'Matt Salazar'; [Manheimer.Kelly@epamail.epa.gov](mailto:Manheimer.Kelly@epamail.epa.gov)

**Cc:** Lindquist, John/RDD; [andy.austin@e2.com](mailto:andy.austin@e2.com)

**Subject:** RE: Water Quality Data from LADWP, from August 2011 to December 2011

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Attached you will find water quality data from LADWP wellfields from January 2012 to July 2012.

Regards,

**Vahe Dabbaghian, P.E.**

Groundwater Remediation Group

Los Angeles Department of Water & Power  
111 North Hope Street, Room 1217  
Los Angeles, CA 90012  
(213) 367-3543  
[vahe.dabbaghian@ladwp.com](mailto:vahe.dabbaghian@ladwp.com)

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---

**From:** Watt, Jamey  
**Sent:** Friday, January 31, 2014 10:07 AM  
**To:** 'Dabbaghian, Vahe'; 'Taraszki, Michael D'  
**Cc:** 'John.Lindquist@CH2M.com'; 'Nova Clite'  
**Subject:** RE: Geophysical Borehole Log for Monitoring Well RT-MW-01

Vahe. Thank you very much!

Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

---

**From:** Dabbaghian, Vahe [<mailto:Vahe.Dabbaghian@WATER.LADWP.com>]  
**Sent:** Friday, January 31, 2014 10:04 AM  
**To:** 'Taraszki, Michael D'  
**Cc:** Watt, Jamey; 'John.Lindquist@CH2M.com'; 'Nova Clite'  
**Subject:** Geophysical Borehole Log for Monitoring Well RT-MW-01

Michael,

Attached you will find the geophysical borehole log for Monitoring Well RT-MW-01.

I will send you other requested data in separate emails, due to large file size.

Regards,

Vahe

---

**From:** Dabbaghian, Vahe  
**Sent:** Thursday, January 30, 2014 4:23 PM  
**To:** 'Watt, Jamey'  
**Cc:** Taraszki, Michael D; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite  
**Subject:** RE: data requests b/n LADWP and AMEC

AMEC will receive data for the following new monitoring wells tomorrow:

- NH-MW-05
- NH-MW-06
- RT-MW-01
- RT-MW-10

Regards,

Vahe Dabbaghian, P.E.  
Groundwater Remediation Group  
Los Angeles Department of Water & Power  
(213) 367-3543

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**To:** Dabbaghian, Vahe  
**Cc:** Taraszki, Michael D; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite  
**Subject:** data requests b/n LADWP and AMEC

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Also, what are your thoughts on Mike's other request? Is that something that LADWP can assist with – providing at least the information that doesn't need to be validated like well logs, etc?

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Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

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**From:** Dabbaghian, Vahe [<mailto:Vahe.Dabbaghian@WATER.LADWP.com>]  
**Sent:** Wednesday, January 29, 2014 4:23 PM  
**To:** Watt, Jamey  
**Subject:** RE: Water Quality Data from LADWP MONITORING Wells Sampled in December 2011

Hi Jamey,

In attached email, I sent you the water quality data for May 2013 and June 2013. You may have inadvertently left them out when forwarding to Mike Taraszki.

Regards,

Vahe Dabbaghian, P.E.  
Groundwater Remediation Group  
Los Angeles Department of Water & Power  
(213) 367-3543

---

**From:** Taraszki, Michael D [<mailto:Michael.Taraszki@amec.com>]  
**Sent:** Wednesday, January 22, 2014 8:08 PM  
**To:** Watt, Jamey; Dabbaghian, Vahe  
**Cc:** [NClite@otie.com](mailto:NClite@otie.com); 'Dehghi, Benny'; Monteith, Carolyn S; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Walsh, Don  
**Subject:** RE: Water Quality Data from LADWP MONITORING Wells Sampled in December 2011

Jamey and Vahe –

This email confirms receipt of the following data files that you have forwarded us from LADWP:

- Production well sample results:
  - August 2012 well data.xls
  - September 2012 well data.xls
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  - March 2013 well data.xls
  - April 2013 well data.xls
  - July 2013 well data.xls
  - August 2013 well data.xls
  - September 2013.xls
- Monitoring well sample results:
  - WQ data from LADWP monitoring wells\_sampled in December 2011.xlsx
  - TJ-MW-09 analytical results

\*analytical results from production wells sampled in May and June 2013 have not been provided.

Note that AMEC has not received a response to our December 17, 2013 request for data from LADWP regarding monitoring wells recently installed in the NHOU area, including at least two wells installed south of the former Hewitt Pit area. Our request included data that would not need to be validated, including geologic and geophysical logs, well construction details, surveyed elevation and locations, and water level measurements. A map showing monitoring well locations was also requested.

I am reiterating our December 17, 2013 request for monitoring well data that do not require validation, and also request that analytical results from production wells sampled in May and June 2013 be provided.

Thank you,

**Michael Taraszki**  
**Principal Hydrogeologist, PG, CHG, PMP**  
**AMEC**

Environment & Infrastructure, Inc.  
2101 Webster Street, 12th Floor, Oakland, CA 94612 USA  
Direct (510) 663-3996, Mobile (510) 368-4549  
[michael.taraszki@amec.com](mailto:michael.taraszki@amec.com)  
[amec.com](http://amec.com)

---

**From:** Watt, Jamey [<mailto:Watt.Jamey@epa.gov>]  
**Sent:** Monday, January 20, 2014 3:54 PM  
**To:** Taraszki, Michael D; Walsh, Don; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)  
**Cc:** [NClite@otie.com](mailto:NClite@otie.com); 'Dehghi, Benny'; Monteith, Carolyn S; Dabbaghian, Vahe  
**Subject:** FW: Water Quality Data from LADWP MONITORING Wells Sampled in December 2011

Hello Michael, Don, and John.

Here is one email from LADWP with data that I don't think I have sent to you yet (since it came in after I left for the holidays).

Please let me know.

Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

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**From:** Dabbaghian, Vahe [<mailto:Vahe.Dabbaghian@WATER.LADWP.com>]  
**Sent:** Friday, December 20, 2013 3:03 PM  
**To:** Watt, Jamey  
**Cc:** 'John.Lindquist@CH2M.com'; 'andy.austin@e2.com'; 'NClite@otie.com'  
**Subject:** Water Quality Data from LADWP MONITORING Wells Sampled in December 2011

Hi Jamey,

Attached you will find water quality data from LADWP [monitoring](#) wells sampled in December 2011.

Happy Holidays,

Vahe Dabbaghian, P.E.  
Groundwater Remediation Group  
Los Angeles Department of Water & Power  
(213) 367-3543

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**From:** Dabbaghian, Vahe  
**Sent:** Wednesday, December 18, 2013 4:40 PM  
**To:** 'Watt.Jamey@epa.gov'  
**Cc:** 'John.Lindquist@CH2M.com'; 'andy.austin@e2.com'; 'NClite@otie.com'  
**Subject:** RE: Water Quality Data from LADWP Production Wells, January-April 2013

Hi Jamey,

Attached you will find water quality data from LADWP wellfields from May-September 2013.

Regards,

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Los Angeles Department of Water & Power  
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**From:** Dabbaghian, Vahe  
**Sent:** Thursday, December 12, 2013 10:55 AM

**To:** 'Watt.Jamey@epa.gov'  
**Cc:** 'John.Lindquist@CH2M.com'; 'andy.austin@e2.com'; 'NClite@otie.com'  
**Subject:** Water Quality Data from LADWP Production Wells, January-April 2013

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Los Angeles Department of Water & Power  
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**From:** Dabbaghian, Vahe  
**Sent:** Thursday, December 12, 2013 10:46 AM  
**To:** [Watt.Jamey@epa.gov](mailto:Watt.Jamey@epa.gov)  
**Cc:** 'John.Lindquist@CH2M.com'; [andy.austin@e2.com](mailto:andy.austin@e2.com); [NClite@otie.com](mailto:NClite@otie.com)  
**Subject:** Water Quality Data from LADWP Production Wells, Aug-Dec 2012

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Regards,

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Groundwater Remediation Group  
Los Angeles Department of Water & Power  
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**Subject:** RE: Water Quality Data from LADWP production wells, Aug 2012 to most recent

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Senior Project Hydrogeologist  
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Internal direct extension: 35813  
Cell: 530.953.5805  
Fax: 714.424.2017  
[John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)  
[www.CH2M.com](http://www.CH2M.com)

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**From:** Dabbaghian, Vahe [<mailto:Vahe.Dabbaghian@WATER.LADWP.com>]  
**Sent:** Wednesday, September 19, 2012 4:14 PM  
**To:** 'Matt Salazar'; 'Manheimer.Kelly@epamail.epa.gov'  
**Cc:** Lindquist, John/RDD; 'andy.austin@e2.com'  
**Subject:** RE: Water Quality Data from LADWP, from August 2011 to December 2011

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Groundwater Remediation Group  
Los Angeles Department of Water & Power  
111 North Hope Street, Room 1217  
Los Angeles, CA 90012  
(213) 367-3543  
[vahe.dabbaghian@ladwp.com](mailto:vahe.dabbaghian@ladwp.com)

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**From:** Dabbaghian, Vahe <Vahe.Dabbaghian@WATER.LADWP.com>  
**Sent:** Friday, January 31, 2014 10:04 AM  
**To:** 'Taraszki, Michael D'  
**Cc:** Watt, Jamey; 'John.Lindquist@CH2M.com'; 'Nova Clite'  
**Subject:** Geophysical Borehole Log for Monitoring Well RT-MW-01  
**Attachments:** 17659spgr.pdf; 17659 DEV.pdf; 17659cal.pdf; 17659elog.pdf; 17659ll3.pdf; 17659snc.pdf

Michael,  
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Vahe

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**Subject:** RE: data requests b/n LADWP and AMEC  
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Jamey Watt  
Remedial Project Manager  
415-972-3175  
U.S. EPA, Region 9

Superfund Division, SFD-7-1  
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**Michael Taraszki**

**Principal Hydrogeologist, PG, CHG, PMP**

**AMEC**

Environment & Infrastructure, Inc.  
2101 Webster Street, 12th Floor, Oakland, CA 94612 USA  
Direct (510) 663-3996, Mobile (510) 368-4549  
[michael.taraszki@amec.com](mailto:michael.taraszki@amec.com)  
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Remedial Project Manager

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U.S. EPA, Region 9

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75 Hawthorne Street

San Francisco, CA 94105

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**Subject:** Water Quality Data from LADWP MONITORING Wells Sampled in December 2011

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Vahe Dabbaghian, P.E.

Groundwater Remediation Group

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**From:** Dabbaghian, Vahe

**Sent:** Wednesday, December 18, 2013 4:40 PM

**To:** '[Watt.Jamey@epa.gov](mailto:Watt.Jamey@epa.gov)'

**Cc:** '[John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)'; '[andy.austin@e2.com](mailto:andy.austin@e2.com)'; '[NClite@otie.com](mailto:NClite@otie.com)'

**Subject:** RE: Water Quality Data from LADWP Production Wells, January-April 2013

Hi Jamey,

Attached you will find water quality data from LADWP wellfields from May-September 2013.

Regards,

Vahe Dabbaghian, P.E.

Groundwater Remediation Group

Los Angeles Department of Water & Power

(213) 367-3543

---

**From:** Dabbaghian, Vahe

**Sent:** Thursday, December 12, 2013 10:55 AM

**To:** '[Watt.Jamey@epa.gov](mailto:Watt.Jamey@epa.gov)'

**Cc:** '[John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)'; '[andy.austin@e2.com](mailto:andy.austin@e2.com)'; '[NClite@otie.com](mailto:NClite@otie.com)'

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**Subject:** Water Quality Data from LADWP Production Wells, Aug-Dec 2012

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Attached you will find water quality data from LADWP wellfields from August 2012 to December 2012. I will send you the 2013 data in a separate email.

Regards,

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Groundwater Remediation Group

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**From:** [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com) [<mailto:John.Lindquist@CH2M.com>]

**Sent:** Wednesday, December 04, 2013 4:28 PM

**To:** Dabbaghian, Vahe

**Cc:** [Watt.Jamey@epa.gov](mailto:Watt.Jamey@epa.gov); [andy.austin@e2.com](mailto:andy.austin@e2.com); [NClite@otie.com](mailto:NClite@otie.com)

**Subject:** RE: Water Quality Data from LADWP production wells, Aug 2012 to most recent

Hi Vahe;

Per our discussion yesterday, I am requesting (on behalf of EPA) LADWP's water quality data for production wells in the SFV, starting in August 2012 and extending through the most recent month you have data available. We currently have data through July 2012. Thank you!

Regards,

John Lindquist

CH2M HILL

Senior Project Hydrogeologist

Work: 805-413-5813

Internal direct extension: 35813

Cell: 530.953.5805

Fax: 714.424.2017

[John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)

[www.CH2M.com](http://www.CH2M.com)

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**From:** Dabbaghian, Vahe [<mailto:Vahe.Dabbaghian@WATER.LADWP.com>]

**Sent:** Wednesday, September 19, 2012 4:14 PM

**To:** 'Matt Salazar'; [Manheimer.Kelly@epamail.epa.gov](mailto:Manheimer.Kelly@epamail.epa.gov)

**Cc:** Lindquist, John/RDD; [andy.austin@e2.com](mailto:andy.austin@e2.com)

**Subject:** RE: Water Quality Data from LADWP, from August 2011 to December 2011

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**Vahe Dabbaghian, P.E.**

Groundwater Remediation Group

Los Angeles Department of Water & Power  
111 North Hope Street, Room 1217  
Los Angeles, CA 90012  
(213) 367-3543  
[vahe.dabbaghian@ladwp.com](mailto:vahe.dabbaghian@ladwp.com)

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**From:** Dabbaghian, Vahe <Vahe.Dabbaghian@WATER.LADWP.com>  
**Sent:** Friday, January 31, 2014 10:01 AM  
**To:** 'Taraszki, Michael D'  
**Cc:** Watt, Jamey; 'John.Lindquist@CH2M.com'; 'Nova Clite'  
**Subject:** Geophysical Borehole Log for Monitoring Well NH-MW-06  
**Attachments:** 17367ll3.pdf; 17367snc.pdf; 17367spr.pdf; 17367cal.pdf; 17367DEV.pdf; 17367elog.pdf

Michael,  
Attached you will find the geophysical borehole log for Monitoring Well NH-MW-06.  
I will send you other requested data in separate emails, due to large file size.  
Regards,  
Vahe

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**From:** Dabbaghian, Vahe  
**Sent:** Thursday, January 30, 2014 4:23 PM  
**To:** 'Watt, Jamey'  
**Cc:** Taraszki, Michael D; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite  
**Subject:** RE: data requests b/n LADWP and AMEC  
AMEC will receive data for the following new monitoring wells tomorrow:

- NH-MW-05
- NH-MW-06
- RT-MW-01
- RT-MW-10

Regards,  
Vahe Dabbaghian, P.E.  
Groundwater Remediation Group  
Los Angeles Department of Water & Power  
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**From:** Watt, Jamey [<mailto:Watt.Jamey@epa.gov>]  
**Sent:** Thursday, January 30, 2014 4:03 PM  
**To:** Dabbaghian, Vahe  
**Cc:** Taraszki, Michael D; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite  
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*Note that AMEC has not received a response to our December 17, 2013 request for data from LADWP regarding monitoring wells recently installed in the NHOU area, including at least two wells installed south of the former Hewitt Pit area. Our request included data that would not need to be validated, including geologic and geophysical logs, well construction details, surveyed elevation and locations, and water level measurements. A map showing monitoring well locations was also requested.*

Jamey Watt  
Remedial Project Manager  
415-972-3175  
U.S. EPA, Region 9

Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

---

**From:** Dabbaghian, Vahe [<mailto:Vahe.Dabbaghian@WATER.LADWP.com>]

**Sent:** Wednesday, January 29, 2014 4:23 PM

**To:** Watt, Jamey

**Subject:** RE: Water Quality Data from LADWP MONITORING Wells Sampled in December 2011

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In attached email, I sent you the water quality data for May 2013 and June 2013. You may have inadvertently left them out when forwarding to Mike Taraszki.

Regards,

Vahe Dabbaghian, P.E.

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**From:** Taraszki, Michael D [<mailto:Michael.Taraszki@amec.com>]

**Sent:** Wednesday, January 22, 2014 8:08 PM

**To:** Watt, Jamey; Dabbaghian, Vahe

**Cc:** [NCLite@otie.com](mailto:NCLite@otie.com); 'Dehghi, Benny'; Monteith, Carolyn S; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Walsh, Don

**Subject:** RE: Water Quality Data from LADWP MONITORING Wells Sampled in December 2011

Jamey and Vahe –

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- o April 2013 well data.xls
- o July 2013 well data.xls
- o August 2013 well data.xls
- o September 2013.xls

- Monitoring well sample results:

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- o TJ-MW-09 analytical results

\*analytical results from production wells sampled in May and June 2013 have not been provided.

Note that AMEC has not received a response to our December 17, 2013 request for data from LADWP regarding monitoring wells recently installed in the NHOU area, including at least two wells installed south of the former Hewitt Pit area. Our request included data that would not need to be validated, including geologic and geophysical logs, well construction details, surveyed elevation and locations, and water level measurements. A map showing monitoring well locations was also requested.

I am reiterating our December 17, 2013 request for monitoring well data that do not require validation, and also request that analytical results from production wells sampled in May and June 2013 be provided.

Thank you,

**Michael Taraszki**

**Principal Hydrogeologist, PG, CHG, PMP**

**AMEC**



Environment & Infrastructure, Inc.  
2101 Webster Street, 12th Floor, Oakland, CA 94612 USA  
Direct (510) 663-3996, Mobile (510) 368-4549  
[michael.taraszki@amec.com](mailto:michael.taraszki@amec.com)  
[amec.com](http://amec.com)

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Hello Michael, Don, and John.

Here is one email from LADWP with data that I don't think I have sent to you yet (since it came in after I left for the holidays).

Please let me know.

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**To:** 'Matt Salazar'; [Manheimer.Kelly@epamail.epa.gov](mailto:Manheimer.Kelly@epamail.epa.gov)

**Cc:** Lindquist, John/RDD; [andy.austin@e2.com](mailto:andy.austin@e2.com)

**Subject:** RE: Water Quality Data from LADWP, from August 2011 to December 2011

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**From:** Dabbaghian, Vahe <Vahe.Dabbaghian@WATER.LADWP.com>  
**Sent:** Friday, January 31, 2014 9:58 AM  
**To:** 'Taraszki, Michael D'  
**Cc:** Watt, Jamey; 'John.Lindquist@CH2M.com'; 'Nova Clite'  
**Subject:** Well Construction Data for NH-MW-05  
**Attachments:** 17616\_eolog.pdf; 17616\_ll3.pdf; 17616\_sgr.pdf; 17616\_snc.pdf; 17616\_cal.pdf; 17616\_dev.pdf

Hello Michael,  
Attached you will find the geophysical borehole log for Monitoring Well NH-MW-05.  
I will send you other requested data in separate emails, due to large file size.  
Regards,  
Vahe

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**Sent:** Thursday, January 30, 2014 4:23 PM  
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Groundwater Remediation Group  
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Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
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**AMEC**

Environment & Infrastructure, Inc.  
2101 Webster Street, 12th Floor, Oakland, CA 94612 USA  
Direct (510) 663-3996, Mobile (510) 368-4549  
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**From:** Dabbaghian, Vahe

**Sent:** Thursday, December 12, 2013 10:55 AM

**To:** '[Watt.Jamey@epa.gov](mailto:Watt.Jamey@epa.gov)'

**Cc:** 'John.Lindquist@CH2M.com'; 'andy.austin@e2.com'; 'NClite@otie.com'

**Subject:** Water Quality Data from LADWP Production Wells, January-April 2013

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Thank you,

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Groundwater Remediation Group

Los Angeles Department of Water & Power

(213) 367-3543

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**From:** [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com) [<mailto:John.Lindquist@CH2M.com>]

**Sent:** Wednesday, December 04, 2013 4:28 PM

**To:** Dabbaghian, Vahe

**Cc:** [Watt.Jamey@epa.gov](mailto:Watt.Jamey@epa.gov); [andy.austin@e2.com](mailto:andy.austin@e2.com); [NClite@otie.com](mailto:NClite@otie.com)

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CH2M HILL

Senior Project Hydrogeologist

Work: 805-413-5813

Internal direct extension: 35813

Cell: 530.953.5805

Fax: 714.424.2017

[John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)

[www.CH2M.com](http://www.CH2M.com)

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**From:** Dabbaghian, Vahe [<mailto:Vahe.Dabbaghian@WATER.LADWP.com>]

**Sent:** Wednesday, September 19, 2012 4:14 PM

**To:** 'Matt Salazar'; [Manheimer.Kelly@epamail.epa.gov](mailto:Manheimer.Kelly@epamail.epa.gov)

**Cc:** Lindquist, John/RDD; 'andy.austin@e2.com'

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(213) 367-3543  
[vahe.dabbaghian@ladwp.com](mailto:vahe.dabbaghian@ladwp.com)

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**From:** Taraszki, Michael D <[Michael.Taraszki@amec.com](mailto:Michael.Taraszki@amec.com)>  
**Sent:** Thursday, January 30, 2014 4:51 PM  
**To:** Dabbaghian, Vahe; Watt, Jamey  
**Cc:** [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite  
**Subject:** RE: data requests b/n LADWP and AMEC

Many thanks Vahe –

**Michael Taraszki**  
**Principal Hydrogeologist, PG, CHG, PMP**  
**AMEC**  
Environment & Infrastructure, Inc.  
2101 Webster Street, 12th Floor, Oakland, CA 94612 USA  
Direct (510) 663-3996, Mobile (510) 368-4549  
[michael.taraszki@amec.com](mailto:michael.taraszki@amec.com)  
[amec.com](http://amec.com)

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Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

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**From:** Taraszki, Michael D [<mailto:Michael.Taraszki@amec.com>]  
**Sent:** Wednesday, January 22, 2014 8:08 PM  
**To:** Watt, Jamey; Dabbaghian, Vahe  
**Cc:** [NCLite@otie.com](mailto:NCLite@otie.com); 'Dehghi, Benny'; Monteith, Carolyn S; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Walsh, Don  
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**Sent:** Monday, January 20, 2014 3:54 PM

**To:** Taraszki, Michael D; Walsh, Don; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)

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**To:** '[Watt.Jamey@epa.gov](mailto:Watt.Jamey@epa.gov)'  
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(213) 367-3543  
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Groundwater Remediation Group

Los Angeles Department of Water & Power

(213) 367-3543

---

**From:** [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com) [<mailto:John.Lindquist@CH2M.com>]

**Sent:** Wednesday, December 04, 2013 4:28 PM

**To:** Dabbaghian, Vahe

**Cc:** [Watt.Jamey@epa.gov](mailto:Watt.Jamey@epa.gov); [andy.austin@e2.com](mailto:andy.austin@e2.com); [NClite@otie.com](mailto:NClite@otie.com)

**Subject:** RE: Water Quality Data from LADWP production wells, Aug 2012 to most recent

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Regards,

John Lindquist

CH2M HILL

Senior Project Hydrogeologist

Work: 805-413-5813

Internal direct extension: 35813

Cell: 530.953.5805

Fax: 714.424.2017

[John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)

[www.CH2M.com](http://www.CH2M.com)

---

**From:** Dabbaghian, Vahe [<mailto:Vahe.Dabbaghian@WATER.LADWP.com>]

**Sent:** Wednesday, September 19, 2012 4:14 PM

**To:** 'Matt Salazar'; [Manheimer.Kelly@epamail.epa.gov](mailto:Manheimer.Kelly@epamail.epa.gov)

**Cc:** Lindquist, John/RDD; [andy.austin@e2.com](mailto:andy.austin@e2.com)

**Subject:** RE: Water Quality Data from LADWP, from August 2011 to December 2011

Hi Matt/Kelly,

Attached you will find water quality data from LADWP wellfields from January 2012 to July 2012.

Regards,

**Vahe Dabbaghian, P.E.**

Groundwater Remediation Group

Los Angeles Department of Water & Power

111 North Hope Street, Room 1217

Los Angeles, CA 90012

(213) 367-3543

[vahe.dabbaghian@ladwp.com](mailto:vahe.dabbaghian@ladwp.com)

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---

**From:** Dabbaghian, Vahe <Vahe.Dabbaghian@WATER.LADWP.com>  
**Sent:** Wednesday, January 29, 2014 4:23 PM  
**To:** Watt, Jamey  
**Subject:** RE: Water Quality Data from LADWP MONITORING Wells Sampled in December 2011  
**Attachments:** RE Water Quality Data from LADWP Production Wells, January-April 2013

Hi Jamey,

In attached email, I sent you the water quality data for May 2013 and June 2013. You may have inadvertently left them out when forwarding to Mike Taraszki.

Regards,

Vahe Dabbaghian, P.E.

Groundwater Remediation Group

Los Angeles Department of Water & Power

(213) 367-3543

---

**From:** Taraszki, Michael D [<mailto:Michael.Taraszki@amec.com>]

**Sent:** Wednesday, January 22, 2014 8:08 PM

**To:** Watt, Jamey; Dabbaghian, Vahe

**Cc:** [NCLite@otie.com](mailto:NCLite@otie.com); 'Dehghi, Benny'; Monteith, Carolyn S; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Walsh, Don

**Subject:** RE: Water Quality Data from LADWP MONITORING Wells Sampled in December 2011

Jamey and Vahe –

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  - o April 2013 well data.xls
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  - o WQ data from LADWP monitoring wells\_sampled in December 2011.xlsx
  - o TJ-MW-09 analytical results

\*analytical results from production wells sampled in May and June 2013 have not been provided.

Note that AMEC has not received a response to our December 17, 2013 request for data from LADWP regarding monitoring wells recently installed in the NHOU area, including at least two wells installed south of the former Hewitt Pit area. Our request included data that would not need to be validated, including geologic and geophysical logs, well construction details, surveyed elevation and locations, and water level measurements. A map showing monitoring well locations was also requested.

I am reiterating our December 17, 2013 request for monitoring well data that do not require validation, and also request that analytical results from production wells sampled in May and June 2013 be provided.

Thank you,

**Michael Taraszki**  
**Principal Hydrogeologist, PG, CHG, PMP**  
**AMEC**  
Environment & Infrastructure, Inc.  
2101 Webster Street, 12th Floor, Oakland, CA 94612 USA  
Direct (510) 663-3996, Mobile (510) 368-4549  
[michael.taraszki@amec.com](mailto:michael.taraszki@amec.com)  
[amec.com](http://amec.com)

---

**From:** Watt, Jamey [<mailto:Watt.Jamey@epa.gov>]  
**Sent:** Monday, January 20, 2014 3:54 PM  
**To:** Taraszki, Michael D; Walsh, Don; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)  
**Cc:** [NClite@otie.com](mailto:NClite@otie.com); 'Dehghi, Benny'; Monteith, Carolyn S; Dabbaghian, Vahe  
**Subject:** FW: Water Quality Data from LADWP MONITORING Wells Sampled in December 2011

Hello Michael, Don, and John.

Here is one email from LADWP with data that I don't think I have sent to you yet (since it came in after I left for the holidays).

Please let me know.

Jamey Watt  
Remedial Project Manager  
415-972-3175  
U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

---

**From:** Dabbaghian, Vahe [<mailto:Vahe.Dabbaghian@WATER.LADWP.com>]  
**Sent:** Friday, December 20, 2013 3:03 PM  
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**Subject:** Water Quality Data from LADWP MONITORING Wells Sampled in December 2011

Hi Jamey,

Attached you will find water quality data from LADWP monitoring wells sampled in December 2011.

Happy Holidays,

Vahe Dabbaghian, P.E.

Groundwater Remediation Group

Los Angeles Department of Water & Power

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**From:** Dabbaghian, Vahe  
**Sent:** Wednesday, December 18, 2013 4:40 PM  
**To:** '[Watt.Jamey@epa.gov](mailto:Watt.Jamey@epa.gov)'  
**Cc:** '[John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)'; '[andy.austin@e2.com](mailto:andy.austin@e2.com)'; '[NClite@otie.com](mailto:NClite@otie.com)'  
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**Subject:** Water Quality Data from LADWP Production Wells, Aug-Dec 2012

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Los Angeles, CA 90012  
(213) 367-3543  
[vahe.dabbaghian@ladwp.com](mailto:vahe.dabbaghian@ladwp.com)

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**Cc:** [Watt.Jamey@epa.gov](mailto:Watt.Jamey@epa.gov); [andy.austin@e2.com](mailto:andy.austin@e2.com); [NClite@otie.com](mailto:NClite@otie.com)  
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Fax: 714.424.2017  
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---

**From:** Shaffer, Caleb  
**Sent:** Thursday, January 02, 2014 11:30 AM  
**To:** Hanusiak, Lisa; Salyer, Kathleen; Hiett, Richard  
**Cc:** Watt, Jamey; Lyons, John  
**Subject:** RE: Next coordination call with LARWQCB

Since the last call, we sent a letter requesting that the Board issue a 13267 letter to Hewitt Pit based upon our interest as them being a potential source for NHOU. The Chief of their Landfill Unit responded to me on 11/22 acknowledging our letter, and said they would start the process of issuing the order. We could use the next call, whenever it might be, to ask for an update from them on this.

Caleb

---

**From:** Hanusiak, Lisa  
**Sent:** Thursday, January 02, 2014 10:47 AM  
**To:** Salyer, Kathleen; Hiett, Richard  
**Cc:** Watt, Jamey; Shaffer, Caleb; Lyons, John  
**Subject:** RE: Next coordination call with LARWQCB

Hi, Kathleen:

Regarding the LSI/Agere facility in San Gabriel Valley Area 3, I am expecting a call back (and will check in) regarding the possibility of the Board using the cleanup and abatement fund to address GW contamination. I raised the issue with Jeffrey Hu before the holidays and he requested a chance to discuss it further with his management.

Lisa Hanusiak  
Remedial Project Manager, Superfund Division  
U.S. Environmental Protection Agency, Region 9  
415-972-3152

---

**From:** Salyer, Kathleen  
**Sent:** Thursday, January 02, 2014 9:09 AM  
**To:** Deschambault, Lynda; Hanusiak, Lisa; Ball, Harold; Hiett, Richard  
**Cc:** Watt, Jamey; Shaffer, Caleb; Lyons, John  
**Subject:** Next coordination call with LARWQCB

We had tentatively scheduled a follow-up coordination call with Sam Unger and his staff for Jan. 7 at 10 am. I wanted to get an update from you on what's happened since that call in terms of the RWQCB work on source areas. I know Harry, Rich, Caleb and Lisa will be in the Crucial Conversations training that day so I'm going to propose postponing to later in the week, but depending on what site level progress has gone on I may postpone until later in the month.

Kathleen Salyer  
Assistant Director  
Superfund Division  
CA Site Cleanup Branch  
U.S. Environmental Protection Agency Region IX  
(415) 972-3267  
(415) 947-3528



---

**From:** Taraszki, Michael D <Michael.Taraszki@amec.com>  
**Sent:** Tuesday, December 17, 2013 6:26 PM  
**To:** Dabbaghian, Vahe; Steven L. Hoch  
**Cc:** Watt, Jamey; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite; Dehghi, Benny; Jim Norman ([james.c.norman@lmco.com](mailto:james.c.norman@lmco.com)); Khuu, Heather; Monteith, Carolyn; Pickus, Wayne; Rosenstein, Liaht; Rowe, Suzanne; Walsh, Don; Bailiff, Eileen; Barnes, Mike S; Bean, David; Daniels, Don; Hartwell, Robert C; Lewis, Ronald A.; Romansik, Robert L; Stemler, Greg  
**Subject:** LADWP monitoring well data request

Vahe,

As you know, AMEC is working on behalf of Honeywell and Lockheed Martin to design the Second Interim Remedy for the North Hollywood Operable Unit. We are aware that the LADWP has installed several monitoring wells in the North Hollywood area and that analytical results from associated soil and groundwater samples will be available to us in early 2014 pending completion of data validation activities. In the meantime, we respectfully request that data that do not require validation, including well construction details, geologic and geophysical logs, depths to groundwater, and well head survey information, be provided to us so that we can evaluate these data as part of our ongoing investigation of the area.

We are specifically interested in monitoring wells installed south of the former Hewitt Pit (I believe these are named NH-MW-05 and NH-MW-06), but our investigation would also benefit from same data from other monitoring wells installed in the North Hollywood area, including RT-MW-01 through RT-MW-10. We also request a map that illustrates these and any other monitoring wells that may have been installed in the North Hollywood area.

As always, we appreciate your cooperation and assistance. Please let me know if you can provide us with the requested data within 30 days or if you have any questions regarding this request.

Thank you,

**Michael Taraszki**  
**Principal Hydrogeologist, PG, CHG, PMP**  
**AMEC**  
Environment & Infrastructure, Inc.  
2101 Webster Street, 12th Floor, Oakland, CA 94612 USA  
Direct (510) 663-3996, Mobile (510) 368-4549  
[michael.taraszki@amec.com](mailto:michael.taraszki@amec.com)  
[amec.com](http://amec.com)

---

The information contained in this e-mail is intended only for the individual or entity to whom it is addressed. Its contents (including any attachments) may contain confidential and/or privileged information. If you are not an intended recipient you must not use, disclose, disseminate, copy or print its contents. If you receive this e-mail in error, please notify the sender by reply e-mail and delete and destroy the message.

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**From:** Watt, Jamey  
**Sent:** Monday, December 02, 2013 11:10 AM  
**To:** Dehghi, Benny; Massey, Michael; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite  
**Cc:** Donald Walsh; 'Gene Lucero'; Watt, Jamey  
**Subject:** RE: NHOU- Central Plume Treatment proposal\_ Honeywell and EPA Meeting Nov 7

Hello Benny-

I hope that you are doing well and had a good Thanksgiving holiday.

I apologize for the tardy response to this email. I did not notice your request for a follow-up meeting until re-reviewing this message this morning.

I will respond to each of your items individually. I also wanted to let you know that I will be meeting with LADWP (Vahe and Greg) tomorrow afternoon. Many of your items below will be discussed with LADWP tomorrow. **If you have any additional information or requests that I can discuss with LADWP tomorrow, please let me know today.**

As for your request to meet with me, I would be glad to meet as our schedule allows. Did you want to come to the EPA office or meet somewhere else?

Let's talk via phone to discuss further.

Sincerely,

---

**From:** Dehghi, Benny [<mailto:benny.dehghi@honeywell.com>]  
**Sent:** Wednesday, November 13, 2013 7:53 AM  
**To:** Watt, Jamey; Massey, Michael; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Nova Clite  
**Cc:** Donald Walsh; 'Gene Lucero'  
**Subject:** NHOU- Central Plume Treatment proposal\_ Honeywell and EPA Meeting Nov 7

Hello Jaime- It was good seeing you again last week. I thought it would be helpful to provide a summary of the items we discussed at our meeting last Thursday and the understandings we reached. Based on our collective notes and recollection, here are the key points we took away.

1. Issuance of ROD Amendment – EPA is moving forward and plans to issue amendment before the end of this calendar year.

**ROD Amendment is still under EPA internal review process.**

2. EPA Letter to Water Board regarding Hewitt Pit – EPA agrees it will send a letter to the Regional Board indicating its view that additional groundwater investigation should be required for that facility.

**Completed, as discussed with you on the phone.**

3. DWP Access Agreements – EPA agreed to follow up with DWP on its lack of response to the proposed access agreement regarding the NHE-4 and 7 wells that AMEC had forwarded and the proposed access agreement regarding the NHE-3 well that MWH had forwarded for their review and execution.



Access is an important agenda topic which will be discussed with LADWP tomorrow afternoon. I am aware of the "official" AMEC site access request. Has Honeywell/MWH made an official site access request for NHE-3? If so, can you please provide more details – correspondence date?, who sent to at LADWP?, correspondence files?, etc.

4. Approval of NHE-2/NHE-3 ARD Work Plan - EPA will review and act on the NHE-2/3 Work Plan submitted by Honeywell before the end of this calendar year. The Treatment Options Analysis Report to be prepared under that Work Plan will evaluate Honeywell's Central Plume Treatment Proposal and how interim action at NHE-3 and the long-term action at NHE-2 would be addressed under that proposal.

To be discussed with LADWP.

5. Groundwater Management Plan – EPA agrees that it needs to get the discussions on the GMP back on track, which it will do by providing a response to the comments received from AMEC, and a revised draft GMP.

To be discussed with LADWP.

6. Central Plume Treatment Proposal – In order for Honeywell to proceed with the CPT proposal, EPA and Honeywell need to reach agreement before the end of the calendar year on how "containment of contaminants to the maximum extent practicable" will be defined and whether the data support the conclusions of Honeywell that scope of the Central Plume excludes the area of contamination it finds to be associated with Hewitt Pit and the deletion of the 3 extraction wells to the northwest of the former Bendix site originally proposed in the Focused Feasibility Study for the Second Interim Remedy.

- 1.) EPA needs more information on the data available in and around the Hewitt Pit landfill. What data has been presented to date? Is additional data forthcoming?
- 2.) As for the proposed deletion of the 3 northwest extraction wells called for in the Second Interim Remedy, I am not prepared to make any statements on this issue. EPA needs further information of the data available to consider such actions and further discussions would also have to be coordinated with LADWP since these new extraction wells were planned to provide additional protection of LADWP's wellfields.

Hopefully what we have incorporated in this list meshes with your recollection as well. If your sch allows, I would like to propose either 11/25 or 11/26 for us to meet so we can provide more in-depth information. In the interim, if you see anything that should be added or any item in our list that should be modified, please let us know.

Best to you

---

**From:** Dehghi, Benny <benny.dehghi@honeywell.com>  
**Sent:** Friday, November 22, 2013 10:39 AM  
**To:** Watt, Jamey; Donald Walsh  
**Cc:** Nova Clite PG (NClite@otie.com); John.Lindquist@CH2M.com; Hatlestad, Heather@Waterboards; Taraszki, Michael D  
**Subject:** RE: Status of Water Board NHOU PRP Search Efforts and the Hewitt Pit

Much appreciate Jamey—Thank you  
Best to you

---

**From:** Watt, Jamey [mailto:Watt.Jamey@epa.gov]  
**Sent:** Friday, November 22, 2013 10:23 AM  
**To:** Donald Walsh  
**Cc:** Dehghi, Benny; Nova Clite PG (NClite@otie.com); John.Lindquist@CH2M.com; Hatlestad, Heather@Waterboards; Taraszki, Michael D  
**Subject:** RE: Status of Water Board NHOU PRP Search Efforts and the Hewitt Pit

Hello Don.

Just wanted to let you know that EPA has sent the letter to LARWQCB Dr. Wen Yang with a cc to Heather Hatlestad.

A copy of the letter is attached.

Thank you.

Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

---

**From:** Donald Walsh [mailto:Donald.A.Walsh@mwhglobal.com]  
**Sent:** Monday, September 30, 2013 12:47 PM  
**To:** Watt, Jamey  
**Cc:** Dehghi, Benny; Nova Clite PG (NClite@otie.com)  
**Subject:** FW: Status of Water Board NHOU PRP Search Efforts and the Hewitt Pit

Jamey,

After receiving the email below, I talked to Heather Hatlestad regarding whether any action had been taking with regards to Hewitt Pit. She reiterated again that the site would remain in the Landfill Units hands unless the

Water Board got the letter from USEPA. She mentioned that Water Board staff met with you last week and that she specifically brought up the need for the letter.

Heather also suggested that I call the Landfill Unit for a status update. I called Wen Yang, the Water Board Lead for the Hewitt Pit in the Landfill Unit (213-620-2253). Wen Yang was aware of the situation, but also stated that the Landfill Unit was waiting on a letter from the USEPA.

I recognize that you have a lot going on as you digest this complex site, but I wanted to just let you know the status of the situation. Recall that Kelly Manheimer had committed to issuing a letter to Water Board notifying them of the 4909F well replacement, stating that EPA was disappointed that Vulcan only replaced the well and did not install a shallow/deep nest. Also, the letter will state that EPA believes a full investigation of the landfill is needed (as stated in the FFS). With this letter, Water Board staff indicated they would issue an order for investigation of the landfill.

The need for this letter is heightened by the recent AMEC results showing TCE at 65-110 ug/L around the former Hewitt Pit, and the detection of 120 ug/L of 1,4-dioxane immediately downgradient of the pit. These data were transmitted to EPA in a 9/16/13 email from AMEC (Michael Taraszki) titled, "NHOU analytical data summary - second sampling event".

Thanks,

MWH Americas, Inc.  
Donald A. Walsh  
Vice President/Hydrogeologist

direct 248 522 8308  
main 248 522 8333  
fax. 248 522 8344  
[donald.a.walsh@us.mwhglobal.com](mailto:donald.a.walsh@us.mwhglobal.com)

35055 W. 12 Mile Road, Suite 140  
Farmington Hills, Michigan 48331

---

**From:** Hatlestad, Heather@Waterboards [<mailto:Heather.Hatlestad@waterboards.ca.gov>]  
**Sent:** Monday, September 30, 2013 12:14 PM  
**To:** Donald Walsh; Dehghi, Benny  
**Cc:** Lee, Kwang@Waterboards; Heath, Arthur@Waterboards  
**Subject:** RE: Status of Water Board NHOU PRP Search Efforts

Hi all,

We will have to cancel our biweekly meeting for tomorrow as I will be out of the office in training, and Dr. Lee will be out of the office until next week. We can reschedule for next week if there is something pressing, otherwise we will proceed the week after as normal.

Thanks,

Heather Hatlestad

Water Resources Control Engineer  
Los Angeles Regional Water Quality Control Board  
Site Cleanup Unit IV  
320 W. 4th St., Suite 200  
Los Angeles, CA 90013  
(213) 576-6729

-----Original Appointment-----

**From:** Donald Walsh [<mailto:Donald.A.Walsh@us.mwhglobal.com>]

**Sent:** Friday, March 29, 2013 9:14 AM

**To:** Donald Walsh; Lee, Kwangil@Waterboards; Hu, Jeffrey@Waterboards; Heath, Arthur@Waterboards; Moore, Lawrence@Waterboards; Dehghi, Benny

**Subject:** Status of Water Board NHOU PRP Search Efforts

**When:** Occurs every 2 weeks on Tuesday effective 4/16/2013 until 12/27/2013 from 4:00 PM to 5:00 PM (UTC-05:00) Eastern Time (US & Canada).

**Where:** 1-866-394-4146, 743 207 217

As agreed with Dr. Lee, we would like to re-institute our bi-weekly check-in on the status of the PRP Search Efforts in the NHOU. Looking forward to the collaboration.

MWH Americas, Inc.  
Donald A. Walsh  
Vice President/Hydrogeologist

direct 248 522 8308  
main 248 522 8333  
fax. 248 522 8344  
[donald.a.walsh@us.mwhglobal.com](mailto:donald.a.walsh@us.mwhglobal.com)

35055 W. 12 Mile Road, Suite 140  
Farmington Hills, Michigan 48331

---

**From:** Watt, Jamey  
**Sent:** Friday, November 22, 2013 10:23 AM  
**To:** 'Donald Walsh'  
**Cc:** 'Dehghi, Benny'; 'Nova Clite PG ([NClite@otie.com](mailto:NClite@otie.com))'; 'John.Lindquist@CH2M.com'; 'Hatlestad, Heather@Waterboards'; 'Taraszki, Michael D'  
**Subject:** RE: Status of Water Board NHOU PRP Search Efforts and the Hewitt Pit  
**Attachments:** 2013-11-20 - EPA letter to LARWQCB concerning Hewitt Pit.pdf

Hello Don.

Just wanted to let you know that EPA has sent the letter to LARWQCB Dr. Wen Yang with a cc to Heather Hatlestad.

A copy of the letter is attached.

Thank you.

Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

---

**From:** Donald Walsh [<mailto:Donald.A.Walsh@mwhglobal.com>]  
**Sent:** Monday, September 30, 2013 12:47 PM  
**To:** Watt, Jamey  
**Cc:** Dehghi, Benny; Nova Clite PG ([NClite@otie.com](mailto:NClite@otie.com))  
**Subject:** FW: Status of Water Board NHOU PRP Search Efforts and the Hewitt Pit

Jamey,

After receiving the email below, I talked to Heather Hatlestad regarding whether any action had been taking with regards to Hewitt Pit. She reiterated again that the site would remain in the Landfill Units hands unless the Water Board got the letter from USEPA. She mentioned that Water Board staff met with you last week and that she specifically brought up the need for the letter.

Heather also suggested that I call the Landfill Unit for a status update. I called Wen Yang, the Water Board Lead for the Hewitt Pit in the Landfill Unit (213-620-2253). Wen Yang was aware of the situation, but also stated that the Landfill Unit was waiting on a letter from the USEPA.

I recognize that you have a lot going on as you digest this complex site, but I wanted to just let you know the status of the situation. Recall that Kelly Manheimer had committed to issuing a letter to Water Board notifying them of the 4909F well replacement, stating that EPA was disappointed that Vulcan only replaced the well and did not install a shallow/deep nest. Also, the letter will state that EPA believes a full investigation of the landfill is needed (as stated in the FFS). With this letter, Water Board staff indicated they would issue an order for investigation of the landfill.

The need for this letter is heightened by the recent AMEC results showing TCE at 65-110 ug/L around the former Hewitt Pit, and the detection of 120 ug/L of 1,4-dioxane immediately downgradient of the pit. These data were transmitted to EPA in a 9/16/13 email from AMEC (Michael Taraszki) titled, "NHOU analytical data summary - second sampling event".

Thanks,

MWH Americas, Inc.  
Donald A. Walsh  
Vice President/Hydrogeologist

direct 248 522 8308  
main 248 522 8333  
fax. 248 522 8344  
[donald.a.walsh@us.mwhglobal.com](mailto:donald.a.walsh@us.mwhglobal.com)

35055 W. 12 Mile Road, Suite 140  
Farmington Hills, Michigan 48331

---

**From:** Hatlestad, Heather@Waterboards [<mailto:Heather.Hatlestad@waterboards.ca.gov>]  
**Sent:** Monday, September 30, 2013 12:14 PM  
**To:** Donald Walsh; Dehghi, Benny  
**Cc:** Lee, Kwang@Waterboards; Heath, Arthur@Waterboards  
**Subject:** RE: Status of Water Board NHOU PRP Search Efforts

Hi all,

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Thanks,

Heather Hatlestad  
Water Resources Control Engineer  
Los Angeles Regional Water Quality Control Board  
Site Cleanup Unit IV  
320 W. 4th St., Suite 200  
Los Angeles, CA 90013  
(213) 576-6729

-----Original Appointment-----

**From:** Donald Walsh [<mailto:Donald.A.Walsh@us.mwhglobal.com>]  
**Sent:** Friday, March 29, 2013 9:14 AM  
**To:** Donald Walsh; Lee, Kwangil@Waterboards; Hu, Jeffrey@Waterboards; Heath, Arthur@Waterboards; Moore, Lawrence@Waterboards; Dehghi, Benny  
**Subject:** Status of Water Board NHOU PRP Search Efforts  
**When:** Occurs every 2 weeks on Tuesday effective 4/16/2013 until 12/27/2013 from 4:00 PM to 5:00 PM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** 1-866-394-4146, 743 207 217

As agreed with Dr. Lee, we would like to re-institute our bi-weekly check-in on the status of the PRP Search Efforts in the NHOU. Looking forward to the collaboration.

MWH Americas, Inc.  
Donald A. Walsh  
Vice President/Hydrogeologist

direct 248 522 8308  
main 248 522 8333  
fax. 248 522 8344  
[donald.a.walsh@us.mwhglobal.com](mailto:donald.a.walsh@us.mwhglobal.com)

35055 W. 12 Mile Road, Suite 140  
Farmington Hills, Michigan 48331

---

**From:** Yang, Wen@Waterboards <Wen.Yang@waterboards.ca.gov>  
**Sent:** Friday, November 22, 2013 10:05 AM  
**To:** Watt, Jamey  
**Cc:** Shaffer, Caleb; Massey, Michael; Hatlestad, Heather@Waterboards; Heath, Arthur@Waterboards; [NClite@otie.com](mailto:NClite@otie.com); [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Cross, Douglas@Waterboards  
**Subject:** RE: Hewitt Pit landfill - EPA letter to LARWQCB

Thank you, Jamey and Caleb, for issuing the letter. We will look into the matter and start the process of issuing a Water Code Section 13267 letter.

Wen Yang, Ph.D., C.E.G.  
Chief, Land Disposal Unit  
Regional Water Quality Control Board  
320 W. 4<sup>th</sup> Street, Suite 200  
Los Angeles, CA 90013  
Phone: 213.620.2253  
Facsimile: 213.576.5777  
[wyang@waterboards.ca.gov](mailto:wyang@waterboards.ca.gov)

---

**From:** Watt, Jamey [<mailto:Watt.Jamey@epa.gov>]  
**Sent:** Thursday, November 21, 2013 1:51 PM  
**To:** Yang, Wen@Waterboards  
**Cc:** Shaffer, Caleb; Massey, Michael; Hatlestad, Heather@Waterboards; Heath, Arthur@Waterboards; [NClite@otie.com](mailto:NClite@otie.com); [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Watt, Jamey  
**Subject:** Hewitt Pit landfill - EPA letter to LARWQCB

Hello Dr. Yang.

Please find attached the requested letter from EPA to LARWQCB regarding the Hewitt Pit landfill.

If you have any questions, please feel free to contact me.

Sincerely,

Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105



---

**From:** Hatlestad, Heather@Waterboards <[Heather.Hatlestad@waterboards.ca.gov](mailto:Heather.Hatlestad@waterboards.ca.gov)>  
**Sent:** Friday, November 22, 2013 8:57 AM  
**To:** Watt, Jamey  
**Subject:** RE: Hewitt Pit landfill - EPA letter to LARWQCB

Thanks Jamey.

Heather Hatlestad  
Water Resources Control Engineer  
Los Angeles Regional Water Quality Control Board  
Site Cleanup Unit IV  
320 W. 4th St., Suite 200  
Los Angeles, CA 90013  
(213) 576-6729

---

**From:** Watt, Jamey [<mailto:Watt.Jamey@epa.gov>]  
**Sent:** Thursday, November 21, 2013 1:51 PM  
**To:** Yang, Wen@Waterboards  
**Cc:** Shaffer, Caleb; Massey, Michael; Hatlestad, Heather@Waterboards; Heath, Arthur@Waterboards; [NClite@otie.com](mailto:NClite@otie.com); [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Watt, Jamey  
**Subject:** Hewitt Pit landfill - EPA letter to LARWQCB

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Sincerely,

Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

---

**From:** Watt, Jamey  
**Sent:** Thursday, November 21, 2013 1:51 PM  
**To:** [wyang@waterboards.ca.gov](mailto:wyang@waterboards.ca.gov)  
**Cc:** Shaffer, Caleb; Massey, Michael; Hatlestad, Heather@Waterboards;  
[Arthur.Heath@waterboards.ca.gov](mailto:Arthur.Heath@waterboards.ca.gov); [NClite@otie.com](mailto:NClite@otie.com); [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Watt, Jamey  
**Subject:** Hewitt Pit landfill - EPA letter to LARWQCB  
**Attachments:** 2013-11-20 - EPA letter to LARWQCB concerning Hewitt Pit.pdf

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Please find attached the requested letter from EPA to LARWQCB regarding the Hewitt Pit landfill.

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Sincerely,

Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

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**From:** Watt, Jamey  
**Sent:** Thursday, November 21, 2013 1:51 PM  
**To:** [wyang@waterboards.ca.gov](mailto:wyang@waterboards.ca.gov)  
**Cc:** Shaffer, Caleb; Massey, Michael; Hatlestad, Heather@Waterboards;  
[Arthur.Heath@waterboards.ca.gov](mailto:Arthur.Heath@waterboards.ca.gov); [NClite@otie.com](mailto:NClite@otie.com); [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com); Watt, Jamey  
**Subject:** Hewitt Pit landfill - EPA letter to LARWQCB  
**Attachments:** 2013-11-20 - EPA letter to LARWQCB concerning Hewitt Pit.pdf

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If you have any questions, please feel free to contact me.

Sincerely,

Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

---

**From:** [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)  
**Sent:** Wednesday, November 13, 2013 5:27 PM  
**To:** Watt, Jamey  
**Cc:** [NClite@otie.com](mailto:NClite@otie.com)  
**Subject:** RE: NHOU- Central Plume Treatment proposal\_ Honeywell and EPA Meeting Nov 7

Hi Jamey;

My two cents inserted below...

Regards,

John

---

**From:** Dehghi, Benny [<mailto:benny.dehghi@honeywell.com>]  
**Sent:** Wednesday, November 13, 2013 7:53 AM  
**To:** Watt, Jamey; Massey, Michael; Lindquist, John/THO; Nova Clite  
**Cc:** Donald Walsh; 'Gene Lucero'  
**Subject:** NHOU- Central Plume Treatment proposal\_ Honeywell and EPA Meeting Nov 7

Hello Jaime- It was good seeing you again last week. I thought it would be helpful to provide a summary of the items we discussed at our meeting last Thursday and the understandings we reached. Based on our collective notes and recollection, here are the key points we took away.

1. Issuance of ROD Amendment – EPA is moving forward and plans to issue amendment before the end of this calendar year.
2. EPA Letter to Water Board regarding Hewitt Pit – EPA agrees it will send a letter to the Regional Board indicating its view that additional groundwater investigation should be required for that facility.
3. DWP Access Agreements – EPA agreed to follow up with DWP on its lack of response to the proposed access agreement regarding the NHE-4 and 7 wells that AMEC had forwarded and the proposed access agreement regarding the NHE-3 well that MWH had forwarded for their review and execution. [\[JCL\] The data previously provided by Vahe that supposedly could replace the proposed data collection by AMEC were very limited in usability and extent. On the other hand, the system could be designed without AMEC conducting their proposed pumping tests, by using modeling, other tests, or just accepting some uncertainty.](#)
4. Approval of NHE-2/NHE-3 ARD Work Plan - EPA will review and act on the NHE-2/3 Work Plan submitted by Honeywell before the end of this calendar year. The Treatment Options Analysis Report to be prepared under that Work Plan will evaluate Honeywell's Central Plume Treatment Proposal and how interim action at NHE-3 and the long-term action at NHE-2 would be addressed under that proposal.
5. Groundwater Management Plan – EPA agrees that it needs to get the discussions on the GMP back on track, which it will do by providing a response to the comments received from AMEC, and a revised draft GMP. [\[JCL\]](#)

Mike Taraszki recently indicated that responding to his comments may not be necessary. However, it wouldn't require much time (~8 hrs) if you wanted us to go ahead and prepare such responses.

6. Central Plume Treatment Proposal – In order for Honeywell to proceed with the CPT proposal, EPA and Honeywell need to reach agreement before the end of the calendar year on how “containment of contaminants to the maximum extent practicable” will be defined and whether the data support the conclusions of Honeywell that scope of the Central Plume excludes the area of contamination it finds to be associated with Hewitt Pit and the deletion of the 3 extraction wells to the northwest of the former Bendix site originally proposed in the Focused Feasibility Study for the Second Interim Remedy. *[JCL]* Two thoughts:

a) Honeywell should provide sufficient information to evaluate whether the source of the “western” plume is former Bendix or Hewitt Pit. That determination has been uncertain, to date. They recently installed three wells in the area, and presumably MWH will soon submit a report of data from those wells which will be helpful in making that evaluation.

b) The goal of the three FFS-proposed “new northwest extraction wells (NEW)” was to intercept Cr, dioxane, and other contaminants before they reached LADWP’s Rinaldi-Toluca production wells. VOCs are less of an issue, since LADWP is installing treatment for VOCs over the next 5 years or so. Effectively, the NEW wells would only serve the interception purpose if the “maximum pumping scenario” of the FFS occurred. But LADWP really wanted those wells as part of the Second Interim Remedy, and are not just going to accept Honeywell’s word that they aren’t needed anymore. In fact, LADWP was barely satisfied with just those three new wells, and wanted more to the west. The three NEW wells were not intended to clean up the “western plume,” which seems to be implied in Benny’s Item 6, below. If Honeywell can demonstrate that those three NEW wells are not needed to prevent Cr contamination from moving northwest to the Rinaldi-Toluca or North Hollywood West production wells under reasonable future pumping scenarios, then that may satisfy EPA and LADWP that they aren’t needed. Alternatively, a contingency plan for dealing with a reversal of hydraulic gradient might be acceptable.

Hopefully what we have incorporated in this list meshes with your recollection as well. If your sch allows, I would like to propose either 11/25 or 11/26 for us to meet so we can provide more in-depth information. In the interim, if you see anything that should be added or any item in our list that should be modified, please let us know.

Best to you

---

**From:** John.Lindquist@CH2M.com  
**Sent:** Tuesday, November 12, 2013 4:54 PM  
**To:** Watt, Jamey  
**Subject:** FW: NHOU Phase 1 Pre-Design Investigation - Groundwater Sampling, Vertical Flow Measurements, and Slug Test Findings  
**Attachments:** AMEC\_13\_162830\_FinalPhase I Design Investigation\_20130809.pdf

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**From:** Taraszki, Michael D [mailto:Michael.Taraszki@amec.com]  
**Sent:** Thursday, August 15, 2013 2:04 PM  
**To:** Diep, Chi P. (CDPH-DDWEM); Jamey Watt; Lindquist, John/THO; Larry Moore; Nova Clite; Poonam Acharya; Richard Slade (ULARAwatmaster@rcslade.com); Susan Brownstein (susan.brownstein@cdph.ca.gov); Vahe Dabbaghian (Vahe.Dabbaghian@WATER.LADWP.com)  
**Cc:** Hartwell, Robert C; Romansik, Robert L; Bean, David; Lewis, Ronald A.; Barnes, Mike S; Bailiff, Eileen; Daniels, Don; Dehghi, Benny; Jim Norman (jim.norman@tetrattech.com); Khuu, Heather; Monteith, Carolyn; Pickus, Wayne; Rosenstein, Liaht; Rowe, Suzanne; Walsh, Don  
**Subject:** NHOU Phase 1 Pre-Design Investigation - Groundwater Sampling, Vertical Flow Measurements, and Slug Test Findings

Jamey,

Please find attached a letter report that summarizes our findings from the first semiannual sampling event of our Phase 1 Pre-Design Investigation for the North Hollywood Operable Unit, Second Interim Remedy. This report is also archived on our SharePoint site (<http://amext.amec.com/sites/nhou/EPA/default.aspx?RootFolder=%2Fsites%2Fnhou%2FEPA%2FDeliverables%2FPhase%201%20Pre%2DDesign%20Investigation&FolderCTID=0x012000D396AD6E041C164FB81F4477DB3D50C5&View={5F885AFE-084A-40F4-8853-1169B01F365A}>). We have completed our second semiannual sampling event and will provide a more thorough evaluation of the collective data set in a Phase 1 Pre-Design Investigation report.

Thank you,

**Michael Taraszki**  
**Principal Hydrogeologist, PG, CHG, PMP**  
**AMEC**  
Environment & Infrastructure, Inc.  
2101 Webster Street, 12th Floor, Oakland, CA 94612 USA  
Direct (510) 663-3996, Mobile (510) 368-4549  
[michael.taraszki@amec.com](mailto:michael.taraszki@amec.com)  
[amec.com](http://amec.com)

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**From:** Hatlestad, Heather@Waterboards <Heather.Hatlestad@waterboards.ca.gov>  
**Sent:** Friday, November 01, 2013 11:52 AM  
**To:** Watt, Jamey  
**Subject:** RE: Hewitt Pit  
**Attachments:** Hewitt Pit Memo.pdf

Hi Jamey,

Attached is the summary memo from MWH for Hewitt Pit as we discussed, for your reference.

Let me know if you need anything else.

Thanks,

Heather Hatlestad  
Water Resources Control Engineer  
Los Angeles Regional Water Quality Control Board  
Site Cleanup Unit IV  
320 W. 4th St., Suite 200  
Los Angeles, CA 90013  
(213) 576-6729

---

**From:** Watt, Jamey [mailto:Watt.Jamey@epa.gov]  
**Sent:** Friday, November 01, 2013 10:26 AM  
**To:** Hatlestad, Heather@Waterboards  
**Subject:** RE: Hewitt Pit

Hi Heather.

I'll do whatever you think is best. I'm still trying to get a good understanding of the background.

If you don't mind, I'd still like to call you this morning around 11:30 and then we can go from there.

Thanks.

Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

---

**From:** Hatlestad, Heather@Waterboards [mailto:Heather.Hatlestad@waterboards.ca.gov]  
**Sent:** Friday, November 01, 2013 9:31 AM



**To:** Watt, Jamey  
**Subject:** FW: Hewitt Pit

Hi Jamey,

I got some clarification from Wen Yang regarding the letter for Hewitt Pit, see below. I think it makes sense for you to work directly with him moving forward as this is his case, and he has more knowledge of what is needed. Let me know what you think.

Thanks,

Heather Hatlestad  
Water Resources Control Engineer  
Los Angeles Regional Water Quality Control Board  
Site Cleanup Unit IV  
320 W. 4th St., Suite 200  
Los Angeles, CA 90013  
(213) 576-6729

---

**From:** Yang, Wen@Waterboards  
**Sent:** Friday, November 01, 2013 8:49 AM  
**To:** Hatlestad, Heather@Waterboards  
**Cc:** Cross, Douglas@Waterboards  
**Subject:** RE: Hewitt Pit

Hi, Heather,

The letter that the EPA was expected to send to the Regional Board would say that, based on the investigations conducted under the Superfund Program, the US EPA believes, or has concerns, that the closed Hewitt Landfill has been releasing pollutants that coursed or contributed to the pollution of groundwater in the area. The letter should request the cooperation or assistance of Regional Board staff in the investigation and remediation of groundwater pollution related to the landfill site. The letter is needed because the Hewitt Landfill belongs to the category of Close, Abandoned, or Inactive (CAI) landfills that are normally not regulated under WDRs, unless there are existing environmental issues related to the site. The letter from EPA could be used as a justification for the Regional Board to issue a CWC Section 13267 order to require the landfill owner to collect groundwater monitoring data at the landfill and submit to the Regional Board. Additional regulatory/enforcement actions may be taken based on a review of the submitted data.

I do not have a sample of this type of letter because this is a unique case that we have not dealt with in the past. Please let Jamey know that he can contact me or Doug any time if he has questions. Thank you again for your help.

Wen Yang, Ph.D., C.E.G.  
Chief, Land Disposal Unit  
Regional Water Quality Control Board  
320 W. 4<sup>th</sup> Street, Suite 200  
Los Angeles, CA 90013  
Phone: 213.620.2253  
Facsimile: 213.576.5777  
[wyang@waterboards.ca.gov](mailto:wyang@waterboards.ca.gov)

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**From:** Watt, Jamey  
**Sent:** Friday, November 01, 2013 10:26 AM  
**To:** 'Hatlestad, Heather@Waterboards'  
**Subject:** RE: Hewitt Pit

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Superfund Division, SFD-7-1  
75 Hawthorne Street  
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**Subject:** FW: Hewitt Pit

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*Wen Yang*, Ph.D., C.E.G.  
Chief, Land Disposal Unit  
Regional Water Quality Control Board  
320 W. 4<sup>th</sup> Street, Suite 200  
Los Angeles, CA 90013  
Phone: 213.620.2253  
Facsimile: 213.576.5777  
[wyang@waterboards.ca.gov](mailto:wyang@waterboards.ca.gov)

---

**From:** Watt, Jamey  
**Sent:** Tuesday, October 29, 2013 2:35 PM  
**To:** Muratore, Kim  
**Cc:** Shaffer, Caleb  
**Subject:** FW: Status of Water Board NHOU PRP Search Efforts and the Hewitt Pit

Hi Kim.

I hope all is well.

Regarding my initial message concerning the EPA letter to RWQCB, all of the other folks I sent the message to do not have any information. You are my last hope. Do you have any info?

Thanks.

Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

---

**From:** Massey, Michael  
**Sent:** Tuesday, October 29, 2013 1:46 PM  
**To:** Watt, Jamey  
**Cc:** Shaffer, Caleb  
**Subject:** RE: Status of Water Board NHOU PRP Search Efforts and the Hewitt Pit

I don't know anything about any letter. This has been all program activity.

Michael Massey  
Assistant Regional Counsel  
EPA Region IX  
75 Hawthorne St., ORC-3  
San Francisco, CA 94105  
[massey.michael@epa.gov](mailto:massey.michael@epa.gov)  
(415) 972-3034

---

**From:** Watt, Jamey  
**Sent:** Tuesday, October 29, 2013 12:55 PM  
**To:** Massey, Michael; Muratore, Kim; Nova Clite; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)  
**Cc:** Shaffer, Caleb; Hatlestad, Heather@Waterboards  
**Subject:** FW: Status of Water Board NHOU PRP Search Efforts and the Hewitt Pit

Mike, Kim, Nova and John.

Can you please help me with the information below regarding a proposed letter from USEPA to LARWQCB regarding Hewitt Pit investigation activities?

I am unaware of any letter that EPA needs to write and I don't think Kelly left me with any information on this matter.

Thanks for your help.

Thank you.

Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

---

**From:** Donald Walsh [<mailto:Donald.A.Walsh@mwhglobal.com>]  
**Sent:** Monday, September 30, 2013 12:47 PM  
**To:** Watt, Jamey  
**Cc:** Dehghi, Benny; Nova Clite PG ([NClite@otie.com](mailto:NClite@otie.com))  
**Subject:** FW: Status of Water Board NHOU PRP Search Efforts and the Hewitt Pit

Jamey,

After receiving the email below, I talked to Heather Hatlestad regarding whether any action had been taking with regards to Hewitt Pit. She reiterated again that the site would remain in the Landfill Units hands unless the Water Board got the letter from USEPA. She mentioned that Water Board staff met with you last week and that she specifically brought up the need for the letter.

Heather also suggested that I call the Landfill Unit for a status update. I called Wen Yang, the Water Board Lead for the Hewitt Pit in the Landfill Unit (213-620-2253). Wen Yang was aware of the situation, but also stated that the Landfill Unit was waiting on a letter from the USEPA.

I recognize that you have a lot going on as you digest this complex site, but I wanted to just let you know the status of the situation. Recall that Kelly Manheimer had committed to issuing a letter to Water Board notifying them of the 4909F well replacement, stating that EPA was disappointed that Vulcan only replaced the well and did not install a shallow/deep nest. Also, the letter will state that EPA believes a full investigation of the landfill is needed (as stated in the FFS). With this letter, Water Board staff indicated they would issue an order for investigation of the landfill.

The need for this letter is heightened by the recent AMEC results showing TCE at 65-110 ug/L around the former Hewitt Pit, and the detection of 120 ug/L of 1,4-dioxane immediately downgradient of the pit. These data were transmitted to EPA in a 9/16/13 email from AMEC (Michael Taraszki) titled, "NHOU analytical data summary - second sampling event".

Thanks,

MWH Americas, Inc.  
Donald A. Walsh  
Vice President/Hydrogeologist

direct 248 522 8308

main 248 522 8333  
fax. 248 522 8344  
[donald.a.walsh@us.mwhglobal.com](mailto:donald.a.walsh@us.mwhglobal.com)

35055 W. 12 Mile Road, Suite 140  
Farmington Hills, Michigan 48331

---

**From:** Hatlestad, Heather@Waterboards [<mailto:Heather.Hatlestad@waterboards.ca.gov>]  
**Sent:** Monday, September 30, 2013 12:14 PM  
**To:** Donald Walsh; Dehghi, Benny  
**Cc:** Lee, Kwang@Waterboards; Heath, Arthur@Waterboards  
**Subject:** RE: Status of Water Board NHOU PRP Search Efforts

Hi all,

We will have to cancel our biweekly meeting for tomorrow as I will be out of the office in training, and Dr. Lee will be out of the office until next week. We can reschedule for next week if there is something pressing, otherwise we will proceed the week after as normal.

Thanks,

Heather Hatlestad  
Water Resources Control Engineer  
Los Angeles Regional Water Quality Control Board  
Site Cleanup Unit IV  
320 W. 4th St., Suite 200  
Los Angeles, CA 90013  
(213) 576-6729

-----Original Appointment-----

**From:** Donald Walsh [<mailto:Donald.A.Walsh@us.mwhglobal.com>]  
**Sent:** Friday, March 29, 2013 9:14 AM  
**To:** Donald Walsh; Lee, Kwangil@Waterboards; Hu, Jeffrey@Waterboards; Heath, Arthur@Waterboards; Moore, Lawrence@Waterboards; Dehghi, Benny  
**Subject:** Status of Water Board NHOU PRP Search Efforts  
**When:** Occurs every 2 weeks on Tuesday effective 4/16/2013 until 12/27/2013 from 4:00 PM to 5:00 PM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** 1-866-394-4146, 743 207 217

As agreed with Dr. Lee, we would like to re-institute our bi-weekly check-in on the status of the PRP Search Efforts in the NHOU. Looking forward to the collaboration.

MWH Americas, Inc.  
Donald A. Walsh  
Vice President/Hydrogeologist

direct 248 522 8308  
main 248 522 8333  
fax. 248 522 8344  
[donald.a.walsh@us.mwhglobal.com](mailto:donald.a.walsh@us.mwhglobal.com)

35055 W. 12 Mile Road, Suite 140  
Farmington Hills, Michigan 48331

---

**From:** Watt, Jamey  
**Sent:** Tuesday, October 29, 2013 12:55 PM  
**To:** Massey, Michael; Muratore, Kim; Nova Clite; [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)  
**Cc:** Shaffer, Caleb; Hatlestad, Heather@Waterboards  
**Subject:** FW: Status of Water Board NHOU PRP Search Efforts and the Hewitt Pit

Mike, Kim, Nova and John.

Can you please help me with the information below regarding a proposed letter from USEPA to LARWQCB regarding Hewitt Pit investigation activities?

I am unaware of any letter that EPA needs to write and I don't think Kelly left me with any information on this matter.

Thanks for your help.

Thank you.

Jamey Watt  
Remedial Project Manager  
415-972-3175

U.S. EPA, Region 9  
Superfund Division, SFD-7-1  
75 Hawthorne Street  
San Francisco, CA 94105

---

**From:** Donald Walsh [<mailto:Donald.A.Walsh@mwhglobal.com>]  
**Sent:** Monday, September 30, 2013 12:47 PM  
**To:** Watt, Jamey  
**Cc:** Dehghi, Benny; Nova Clite PG ([NClite@otie.com](mailto:NClite@otie.com))  
**Subject:** FW: Status of Water Board NHOU PRP Search Efforts and the Hewitt Pit

Jamey,

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Thanks,

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35055 W. 12 Mile Road, Suite 140  
Farmington Hills, Michigan 48331

---

**From:** Hatlestad, Heather@Waterboards [<mailto:Heather.Hatlestad@waterboards.ca.gov>]  
**Sent:** Monday, September 30, 2013 12:14 PM  
**To:** Donald Walsh; Dehghi, Benny  
**Cc:** Lee, Kwang@Waterboards; Heath, Arthur@Waterboards  
**Subject:** RE: Status of Water Board NHOU PRP Search Efforts

Hi all,

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Thanks,

Heather Hatlestad  
Water Resources Control Engineer  
Los Angeles Regional Water Quality Control Board  
Site Cleanup Unit IV  
320 W. 4th St., Suite 200  
Los Angeles, CA 90013  
(213) 576-6729

-----Original Appointment-----

**From:** Donald Walsh [<mailto:Donald.A.Walsh@us.mwhglobal.com>]  
**Sent:** Friday, March 29, 2013 9:14 AM  
**To:** Donald Walsh; Lee, Kwangil@Waterboards; Hu, Jeffrey@Waterboards; Heath, Arthur@Waterboards; Moore, Lawrence@Waterboards; Dehghi, Benny  
**Subject:** Status of Water Board NHOU PRP Search Efforts  
**When:** Occurs every 2 weeks on Tuesday effective 4/16/2013 until 12/27/2013 from 4:00 PM to 5:00 PM (UTC-05:00)

Eastern Time (US & Canada).

**Where:** 1-866-394-4146, 743 207 217

As agreed with Dr. Lee, we would like to re-institute our bi-weekly check-in on the status of the PRP Search Efforts in the NHOU. Looking forward to the collaboration.

MWH Americas, Inc.  
Donald A. Walsh  
Vice President/Hydrogeologist

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fax. 248 522 8344  
[donald.a.walsh@us.mwhglobal.com](mailto:donald.a.walsh@us.mwhglobal.com)

35055 W. 12 Mile Road, Suite 140  
Farmington Hills, Michigan 48331

---

**From:** Hatlestad, Heather@Waterboards <[Heather.Hatlestad@waterboards.ca.gov](mailto:Heather.Hatlestad@waterboards.ca.gov)>  
**Sent:** Tuesday, October 15, 2013 10:27 AM  
**To:** Watt, Jamey  
**Cc:** Lee, Kwang@Waterboards; Yang, Wen@Waterboards  
**Subject:** FW: 3Q13 PRP Search Progress Report

Hi Jamey,  
I'm just checking in to see if there is any update on the letter that was going to be sent out to the Hewitt Pit Landfill site?

Thanks,

Heather Hatlestad  
Water Resources Control Engineer  
Los Angeles Regional Water Quality Control Board  
Site Cleanup Unit IV  
320 W. 4th St., Suite 200  
Los Angeles, CA 90013  
(213) 576-6729

---

**From:** Donald Walsh [<mailto:Donald.A.Walsh@mwhglobal.com>]  
**Sent:** Tuesday, October 15, 2013 10:19 AM  
**To:** Hatlestad, Heather@Waterboards  
**Cc:** [benny.dehghi@honeywell.com](mailto:benny.dehghi@honeywell.com)  
**Subject:** RE: 3Q13 PRP Search Progress Report

Thanks Heather.

Let's use our scheduled call today to "walk through" this progress report.

Also, we will be interested in any progress regarding Hewitt Pit.

Thanks,

MWH Americas, Inc.  
Donald A. Walsh  
Vice President/Hydrogeologist

direct 248 522 8308  
main 248 522 8333  
fax. 248 522 8344  
[donald.a.walsh@us.mwhglobal.com](mailto:donald.a.walsh@us.mwhglobal.com)

35055 W. 12 Mile Road, Suite 140  
Farmington Hills, Michigan 48331

---

**From:** Hatlestad, Heather@Waterboards [<mailto:Heather.Hatlestad@waterboards.ca.gov>]  
**Sent:** Tuesday, October 15, 2013 12:31 PM

**To:** [benny.dehghi@honeywell.com](mailto:benny.dehghi@honeywell.com)  
**Cc:** Donald Walsh  
**Subject:** 3Q13 PRP Search Progress Report

Mr. DeHghi,

The California Regional Quality Control Board for the Los Angeles Region (Regional Board) provides copies of correspondence through e-mail. The attached is your copy of recent correspondence; only the addressee will receive a hard copy.

The letter is in Adobe Acrobat PDF format. You can obtain an Acrobat Reader free of charge at <http://www.adobe.com/products/acrobat/readstep2.html>.

Please contact me if you have any questions.

Thanks,

Heather Hatlestad  
Water Resources Control Engineer  
Los Angeles Regional Water Quality Control Board  
Site Cleanup Unit IV  
320 W. 4th St., Suite 200  
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(213) 576-6729

---

**From:** [John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)  
**Sent:** Monday, September 30, 2013 4:05 PM  
**To:** Watt, Jamey  
**Cc:** [NClite@otie.com](mailto:NClite@otie.com)  
**Subject:** RE: Status of Water Board NHOU PRP Search Efforts and the Hewitt Pit  
**Attachments:** RE: December 2012 monthly NHOU progress report--New Wells at Hewitt Landfill; RE: Comments on MWH Interpretation of Groundwater Contamination at Hewitt Landfill

Hi Jamey;

The last correspondence I had with Kelly (two attached e-mails) occurred in January 2013, several months before any letter to the RWQCB would have occurred in response to the discussion mentioned below by Don. I'm not doubting him, just clarifying that I don't know whether Kelly agreed to write such a letter.

Regards,

John Lindquist  
CH2M HILL  
Senior Project Hydrogeologist  
Work: 805-413-5813  
Internal direct extension: 35813  
Cell: 530.953.5805  
Fax: 714.424.2017  
[John.Lindquist@CH2M.com](mailto:John.Lindquist@CH2M.com)  
[www.CH2M.com](http://www.CH2M.com)

---

**From:** Nova Clite [<mailto:NClite@otie.com>]  
**Sent:** Monday, September 30, 2013 3:41 PM  
**To:** Lindquist, John/THO  
**Cc:** Watt, Jamey ([Watt.Jamey@epa.gov](mailto:Watt.Jamey@epa.gov))  
**Subject:** FW: Status of Water Board NHOU PRP Search Efforts and the Hewitt Pit

John  
I see that you are not cc'd on this email. Please review and let Jamey know of any background, etc. he should be aware of. Thanks.

**Nova Clite, PG**  
**Oneida Total Integrated Enterprises (OTIE)**  
805.585-6396 office  
805.431.3675 cell  
805.585.2111 fax  
[www.otie.com](http://www.otie.com)

---

**From:** Donald Walsh [<mailto:Donald.A.Walsh@mwhglobal.com>]  
**Sent:** Monday, September 30, 2013 12:47 PM  
**To:** Jamey Watt ([Watt.Jamey@epamail.epa.gov](mailto:Watt.Jamey@epamail.epa.gov))

**Cc:** Dehghi, Benny; Nova Clite

**Subject:** FW: Status of Water Board NHOU PRP Search Efforts and the Hewitt Pit

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Donald A. Walsh

Vice President/Hydrogeologist

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**Cc:** Lee, Kwang@Waterboards; Heath, Arthur@Waterboards

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Los Angeles, CA 90013  
(213) 576-6729

-----Original Appointment-----

**From:** Donald Walsh [<mailto:Donald.A.Walsh@us.mwhglobal.com>]

**Sent:** Friday, March 29, 2013 9:14 AM

**To:** Donald Walsh; Lee, Kwangil@Waterboards; Hu, Jeffrey@Waterboards; Heath, Arthur@Waterboards; Moore, Lawrence@Waterboards; Dehghi, Benny

**Subject:** Status of Water Board NHOU PRP Search Efforts

**When:** Occurs every 2 weeks on Tuesday effective 4/16/2013 until 12/27/2013 from 4:00 PM to 5:00 PM (UTC-05:00) Eastern Time (US & Canada).

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fax. 248 522 8344  
[donald.a.walsh@us.mwhglobal.com](mailto:donald.a.walsh@us.mwhglobal.com)

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**From:** Donald Walsh <[Donald.A.Walsh@mwhglobal.com](mailto:Donald.A.Walsh@mwhglobal.com)>  
**Sent:** Monday, September 30, 2013 12:47 PM  
**To:** Watt, Jamey  
**Cc:** Dehghi, Benny; Nova Clite PG ([NClite@otie.com](mailto:NClite@otie.com))  
**Subject:** FW: Status of Water Board NHOU PRP Search Efforts and the Hewitt Pit

Jamey,

After receiving the email below, I talked to Heather Hatlestad regarding whether any action had been taking with regards to Hewitt Pit. She reiterated again that the site would remain in the Landfill Units hands unless the Water Board got the letter from USEPA. She mentioned that Water Board staff met with you last week and that she specifically brought up the need for the letter.

Heather also suggested that I call the Landfill Unit for a status update. I called Wen Yang, the Water Board Lead for the Hewitt Pit in the Landfill Unit (213-620-2253). Wen Yang was aware of the situation, but also stated that the Landfill Unit was waiting on a letter from the USEPA.

I recognize that you have a lot going on as you digest this complex site, but I wanted to just let you know the status of the situation. Recall that Kelly Manheimer had committed to issuing a letter to Water Board notifying them of the 4909F well replacement, stating that EPA was disappointed that Vulcan only replaced the well and did not install a shallow/deep nest. Also, the letter will state that EPA believes a full investigation of the landfill is needed (as stated in the FFS). With this letter, Water Board staff indicated they would issue an order for investigation of the landfill.

The need for this letter is heightened by the recent AMEC results showing TCE at 65-110 ug/L around the former Hewitt Pit, and the detection of 120 ug/L of 1,4-dioxane immediately downgradient of the pit. These data were transmitted to EPA in a 9/16/13 email from AMEC (Michael Taraszki) titled, "NHOU analytical data summary - second sampling event".

Thanks,

MWH Americas, Inc.

Donald A. Walsh

Vice President/Hydrogeologist

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**From:** Hatlestad, Heather@Waterboards [<mailto:Heather.Hatlestad@waterboards.ca.gov>]

**Sent:** Monday, September 30, 2013 12:14 PM

**To:** Donald Walsh; Dehghi, Benny

**Cc:** Lee, Kwang@Waterboards; Heath, Arthur@Waterboards

**Subject:** RE: Status of Water Board NHOU PRP Search Efforts

Hi all,

We will have to cancel our biweekly meeting for tomorrow as I will be out of the office in training, and Dr. Lee will be out of the office until next week. We can reschedule for next week if there is something pressing, otherwise we will proceed the week after as normal.

Thanks,

Heather Hatlestad

Water Resources Control Engineer

Los Angeles Regional Water Quality Control Board

Site Cleanup Unit IV

320 W. 4th St., Suite 200

Los Angeles, CA 90013

(213) 576-6729



-----Original Appointment-----

**From:** Donald Walsh [<mailto:Donald.A.Walsh@us.mwhglobal.com>]

**Sent:** Friday, March 29, 2013 9:14 AM

**To:** Donald Walsh; Lee, Kwangil@Waterboards; Hu, Jeffrey@Waterboards; Heath, Arthur@Waterboards; Moore, Lawrence@Waterboards; Dehghi, Benny

**Subject:** Status of Water Board NHOU PRP Search Efforts

**When:** Occurs every 2 weeks on Tuesday effective 4/16/2013 until 12/27/2013 from 4:00 PM to 5:00 PM (UTC-05:00) Eastern Time (US & Canada).

**Where:** 1-866-394-4146, 743 207 217

As agreed with Dr. Lee, we would like to re-institute our bi-weekly check-in on the status of the PRP Search Efforts in the NHOU. Looking forward to the collaboration.

MWH Americas, Inc.

Donald A. Walsh

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